

CP Papers on Scheduling

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1 Introduction

This document shows the result of a survey on "Constraint Programming and Scheduling", which tries to find and classify all publications on the combination of these two concepts. It is based on a manually collected bibfile containing reference to relevant papers and articles, and on an automatic and manual analysis of local copies of the cited papers. For copyright reasons, we are obviously not able to distribute the collected copies, but we provide links to the original sources of the files.

We identify the papers by a key which is the last name of the first author, the first character of the last names of all other authors, and a two digit year code for the date of publication. If multiple works would define the same key, we differentiate by adding a suffix "a", "b", etc, to the second and subsequent works found.

Most of the content of this document is generated by a Java program that parses the bib files, adds any manually extracted information, and which then extracts concept occurrences from the local copies of the works. It then produces tables and other LaTeX artifacts that are included in a manually defined top-level document.

To add new works, first add bibtex entries for each work in the main `overview/bib.bib` file, then add local copies of the pdf of the work to the `overview/works/` directory, using the key of the bibtex entry as the file name (plus extension `.pdf`), and then run the main Java program `org.insightcentre.pthg24.JfxApp` to consolidate the information and extract the relevant concepts. Finally, run `pdflatex` on the `overview/scheduling.tex` file to produce this pdf document. Manually extracted information for the files can be added in the `imports/manual.csv` file. New concepts can be added in the file `imports/concepts.json`, new concept types need to be directly defined in the Java code.

We start the document by providing a table of all defined keys in the bib file in alphabetical order. This table can be helpful to see if a candidate paper is already in the survey, it suffices to see if the key is already present, and matches the authors, title and origin of the candidate paper. In the table link given by the key points to the local copy of the file, while the citation number links to the bibliography entry. That entry typically also contains a link to the original source of the paper.

This document heavily depends on the use of hyper links in the document, it has been tested with Acrobat Reader, other pdf reader may not use links in the same way.

Table 1: Key Overview (Total: 761)

1	2	3	4	5	6
AalianPG23 [1]	AbohashimaEG21 [2]	AbreuAPNM21 [207]	AbreuN22 [208]	AbreuNP23 [209]	AbreuPNF23 [3]
AbrilSB05 [4]	AchterbergBKW08 [6]	Acuna-AgostMFG09 [7]	Adelgren2023 [9]	AfsarVPG23 [10]	AggounB93 [11]
AggounMV08 [12]	AggounV04 [13]	AjiliW04 [15]	AkkerDH07 [733]	AkramNHRSA23 [16]	AlesioBNG15 [18]
AlesioNBG14 [222]	AlfieriGPS23 [19]	AlizdehS20 [20]	AmadiniGM16 [21]	AngelsmarkJ00 [22]	AntunesABD18 [23]
AntunesABD20 [24]	AntuoriHHEN20 [25]	AntuoriHHEN21 [26]	ArbaouiY18 [29]	Arkipov19 [30]	ArkipovBL19 [31]
ArmstrongGOS21 [32]	ArmstrongGOS22 [33]	AronssonBK09 [35]	ArtiguesBF04 [36]	ArtiguesDN08 [37]	ArtiguesF07 [38]
ArtiguesHQT21 [39]	ArtiguesL14 [40]	ArtiguesLH13 [41]	ArtiguesR00 [42]	ArtiouchineB05 [43]	Astrand0F21 [45]
Astrand21 [44]	AstrandJZ18 [46]	AstrandJZ20 [47]	AwadMDMT22 [48]	BadicaB020 [49]	BadicaBIL19 [50]
BajestaniB11 [51]	BajestaniB13 [52]	BajestaniB15 [53]	Balduccini11 [54]	BalochG20 [55]	BandaSC11 [211]
Baptiste02 [56]	Baptiste09 [57]	BaptisteB18 [58]	BaptisteLPN06 [59]	BaptisteLV92 [64]	BaptisteP00 [62]
BaptisteP97 [61]	BaptistePN01 [63]	BaptistePN99 [60]	BarlattCG08 [65]	Bartak02 [67]	Bartak02a [66]
Bartak14 [68]	BartakCS10 [69]	BartakS11 [70]	BartakSR08 [75]	BartakSR10 [71]	BartakV15 [72]
BartoliniBBLM14 [73]	BarzegaranZP20 [76]	Beck06 [78]	Beck07 [79]	Beck10 [80]	Beck99 [77]
BeckDDF98 [81]	BeckDF97 [82]	BeckF00 [86]	BeckF00a [85]	BeckF98 [84]	BeckFW11 [83]
BeckPS03 [87]	BeckR03 [88]	BeckW04 [89]	BeckW05 [90]	BeckW07 [91]	Bedhief21 [92]
BegB13 [93]	BehrensLM19 [94]	BeldiceanuC01 [96]	BeldiceanuC02 [97]	BeldiceanuC94 [100]	BeldiceanuCDP11 [95]
BeldiceanuCP08 [99]	BeldiceanuP07 [101]	BelhadjiI98 [102]	BenderWS21 [103]	BenediktMH20 [105]	BenediktSMVH18 [104]
BeniniBGM05 [107]	BeniniBGM06 [108]	BeniniLMMR08 [109]	BeniniLMR08 [110]	BeniniLMR11 [111]	BenoistGR02 [112]
BensanaLV99 [113]	BertholdHLS10 [114]	BessiereHMQW14 [115]	BidotVLB09 [116]	BillautHL12 [117]	Bit-Monnot23 [118]
BlazewiczDP96 [157]	BlazewiczEP19 [119]	BlomBPS14 [121]	BlomPS16 [122]	BocewiczBB09 [123]	BockmayrK98 [125]
BockmayrP06 [126]	BofillCSV17 [127]	BofillEGPSV14 [128]	BofillGSV15 [129]	BogaerdtW19 [734]	Bonfietti16 [130]
BonfiettiLBM11 [131]	BonfiettiLBM12 [132]	BonfiettiLBM14 [133]	BonfiettiLM13 [134]	BonfiettiLM14 [135]	BonfiettiM12 [136]
BonfiettiZLM16 [137]	BonninMNE24 [138]	BoothNB16 [139]	BoothTNB16 [140]	BorghesiBLMB18 [141]	BosiM2001 [142]
BoucherBVBL97 [143]	BoudreaultSLQ22 [144]	BourdaisGP03 [145]	BourreauGGLT22 [146]	BretingerL95 [148]	BriandHHL08 [149]
BridiBLMB16 [150]	BridiLBBM16 [151]	BruckerK00 [153]	BrusoniCLMMT96 [154]	BukchinR18 [155]	BurtLPS15 [156]
Caballero19 [158]	Caballero23 [159]	CambazardHDJT04 [160]	CambazardJ05 [161]	CampeauG22 [162]	CappartS17 [163]
CappartTSR18 [164]	CarchraeB09 [165]	CarchraeBF05 [166]	CarlierPSJ20 [167]	CarlierJP21 [172]	Caseau97 [173]
CastroGR10 [174]	CatusseCBL16 [175]	CauwelaertDMS16 [176]	CauwelaertDS20 [179]	CauwelaertLS15 [177]	CauwelaertLS18 [178]
CestaOPS14 [180]	CestaOS98 [181]	ChapadosJR11 [182]	ChenGPSH10 [183]	ChuGNSW13 [184]	ChuX05 [185]
CireCH13 [186]	CireCH16 [187]	ClautiauxJCM08 [188]	Clercq12 [210]	ClercqPBJ11 [189]	CobanH10 [190]
CobanH11 [191]	CohenHB17 [192]	ColT19 [194]	ColT2019a [198]	ColT22 [199]	Colombani96 [195]
CorreaLR07 [196]	CzerniachowskaWZ23 [197]	DannaP03 [201]	DannaP04 [200]	Darby-DowmanLMZ97 [203]	DarbyDowmanL98 [199]
Davenport10 [204]	DavenportKRSH07 [205]	Davis87 [206]	Dejemeppe16 [213]	DejemeppeCS15 [214]	DejemeppeD14 [215]
Demasse03 [216]	Demasse05 [217]	DemirovicS18 [218]	Derrien15 [219]	DerrienP14 [220]	DerrienPZ14 [221]
DilkinaDH05 [223]	DincbasS91 [225]	DincbasSH90 [226]	DomdorfPH03 [227]	DoomsH08 [228]	Dorndorf2000 [231]
DorndorfHFP99 [229]	DorndorfPH99 [230]	DoulabiRP14 [232]	DoulabiRP16 [233]	Edis21 [234]	EdisO11 [235]

Table 1: Key Overview (Total: 761)

1	2	3	4	5	6
EdisO11a [236]	EdwardsBSE19 [237]	EfthymiouY23 [238]	ElciOH22 [239]	Elkhyari03 [240]	ElkhyariGJ02 [241]
ElkhyariGJ02a [242]	EmdeZD22 [243]	EmeretIstAV17 [244]	EreminW01 [245]	ErtlK91 [246]	EscobetPQPRA19 [247]
EsquirolLH2008 [248]	EtminaniesfahaniGNMS22 [249]	EvenSH15 [250]	EvenSH15a [251]	FachiniA20 [252]	Fahimi16 [253]
FahimiOQ18 [254]	FahimiQ23 [255]	FalaschiGMP97 [256]	FallahiAC20 [257]	FanXG21 [258]	FarsiTM22 [259]
Fatemi-AnarakiTFV23 [260]	FetgoD22 [262]	FocacciLN00 [264]	FontaineMH16 [266]	ForbesHJST24 [267]	FortinZDF05 [268]
FoxAS82 [269]	FoxS90 [270]	FrankDT16 [271]	FrankK03 [272]	FrankK05 [273]	FriedrichFMRSS14 [274]
FrimodigS19 [275]	Froger16 [276]	FrohnerTR19 [277]	FrostD98 [278]	GalleguillosKSB19 [279]	GarganiR07 [281]
GarridoAO09 [282]	GarridoOS08 [283]	GayHLS15 [284]	GayHS15 [285]	GayHS15a [286]	GaySS14 [287]
GedikKBR17 [289]	GedikKEK18 [288]	GeibingerKKMMW21 [290]	GeibingerMM19 [292]	GeibingerMM21 [293]	GeitzGSSW22 [294]
GelainPRVW17 [295]	German18 [297]	Geske05 [298]	GhasemiMH23 [299]	GilesH16 [300]	GingrasQ16 [301]
GodardLN05 [302]	Godet21a [303]	GodetLHS20 [304]	GoelSHFS15 [305]	GokGSTO20 [306]	GokPTGO23 [307]
GokgurHO18 [308]	GoldwaserS17 [309]	GoldwaserS18 [310]	Goltz95 [311]	GombolayWS18 [312]	GomesHS06 [313]
GomesM17 [314]	GongLMW09 [315]	GrimesH10 [317]	GrimesH11 [318]	GrimesH15 [319]	GrimesHM09 [320]
GrimesIOS14 [321]	Groleaz21 [322]	GroleazNS20 [324]	GroleazNS20a [323]	Gronkvist06 [325]	GruianK98 [326]
GuSS13 [327]	GuSSWC14 [328]	GuSW12 [329]	GuoHLW20 [330]	GuoZ23 [331]	GurEA19 [803]
GurPAE23 [332]	GuyonLPR12 [333]	HachemiGR11 [334]	Ham18 [341]	Ham18a [335]	Ham20 [337]
Ham20a [336]	HamC16 [342]	HamFC17 [338]	HamP21 [339]	HamPK21 [340]	HamdiL13 [343]
HanenKP21 [344]	HarjunkoskiG02 [345]	HarjunkoskiJG00 [346]	HarjunkoskiMBC14 [347]	HauderBRPA20 [351]	He0GLW18 [352]
HebrardALLCMR22 [353]	HebrardHJMPV16 [354]	HebrardTW05 [355]	HechingH16 [357]	HechingHK19 [356]	HeckmanB11 [358]
HeinzB12 [359]	HeinzKB13 [360]	HeinzNVH22 [364]	HeinzS11 [362]	HeinzSB13 [363]	HeinzSSW12 [361]
HeipckeCCS00 [366]	HentenryckM04 [368]	HentenryckM08 [369]	HermenierDL11 [370]	HillBCGN22 [372]	HillTV21 [373]
HladikCDJ08 [374]	HoYCLLC18 [375]	HoeveGSL07 [736]	Hooker00 [378]	Hooker02 [379]	Hooker04 [380]
Hooker05 [381]	Hooker05a [382]	Hooker05b [383]	Hooker06 [384]	Hooker06a [385]	Hooker07 [386]
Hooker10 [387]	Hooker17 [388]	Hooker19 [389]	HookerH17 [391]	HookerO03 [390]	HookerO99 [376]
HookerOTK00 [377]	HookerY02 [392]	HoundjiSW19 [393]	HoundjiSWD14 [394]	HubnerGSV21 [395]	HurleyOS16 [396]
IfrimOS12 [397]	IsikYA23 [398]	JainG01 [401]	JainM99 [400]	Jans09 [402]	JelinekB16 [403]
JourdanFRD94 [404]	JungblutK22 [405]	JussienL02 [406]	JuvinHHL23 [407]	JuvinHL22 [408]	JuvinHL23 [409]
JuvinHL23a [410]	KamarainenS02 [411]	Kameugne14 [412]	Kameugne15 [413]	KameugneF13 [416]	KameugneFGOQ18 [417]
KameugneFND23 [415]	KameugneFSN11 [417]	KameugneFSN14 [418]	KanetAG04 [419]	KelarevaTK13 [420]	KelbelH11 [421]
KeriK07 [422]	KhayatLR06 [423]	KhemmoudJPB06 [424]	KimCMLLP23 [425]	KlankeBYE21 [426]	KletzanderM17 [427]
KoehlerBFFHPSSS21 [428]	KorbAAYG00 [432]	KorbAAYG99 [431]	KoschB14 [433]	KovacsB07 [434]	KovacsB08 [435]
KovacsB11 [436]	KovacsEKV05 [437]	KovacsK11 [438]	KovacsTKSG21 [441]	KovacsV04 [439]	KovacsV06 [440]
KreterSS15 [442]	KreterSS17 [443]	KreterSSZ18 [444]	KrogtLPHJ07 [735]	KuB16 [445]	Kuchcinski03 [446]
KuchcinskiW03 [447]	KucukY19 [449]	Kumar03 [448]	Laborie03 [450]	Laborie09 [451]	Laborie18a [452]
LaborieR14 [454]	LaborieRSV18 [453]	LacknerMMWW21 [455]	LacknerMMWW23 [456]	LahimerLH11 [457]	LammaMM97 [459]
LauLN08 [460]	Layfield02 [462]	Lemos21 [463]	Letort13 [464]	LetortBC12 [465]	LetortCB13 [466]

Table 1: Key Overview (Total: 761)

1	2	3	4	5	6
LetortCB15 [467]	LiFJZLL22 [469]	LiW08 [468]	LiessM08 [470]	LimBTBB15 [473]	LimHTB16 [472]
LimRX04 [471]	Limtanyakul07 [474]	LimtanyakulS12 [475]	LipovetzkyBPS14 [476]	LiuCGM17 [480]	LiuGT10 [478]
LiuJ06 [481]	LiuLH19 [477]	LiuW11 [479]	Lombardi10 [482]	LombardiBM15 [483]	LombardiBMB11 [484]
LombardiM09 [485]	LombardiM10 [487]	LombardiM10a [486]	LombardiM12 [489]	LombardiM12a [488]	LombardiM13 [490]
LombardiMB13 [491]	LombardiMRB10 [492]	LopesCSM10 [493]	LopezAKYG00 [494]	LorigeonBB02 [495]	LouieVNB14 [496]
LozanoCDS12 [497]	LuZZYW24 [498]	Lunardi20 [501]	LunardiBLRV20 [500]	LuoB22 [503]	LuoVLBM16 [502]
Madi-WambaB16 [506]	Madi-WambaLOBM17 [507]	MakMS10 [508]	Malapert11 [509]	MalapertCGJLR12 [510]	MalapertCGJLR13 [511]
MalapertN19 [512]	Malik08 [513]	MalikMB08 [514]	MaraveliasCG04 [515]	MaraveliasG04 [516]	MarliereSPR23 [517]
MartinPY01 [519]	MartnezAJ22 [520]	Mason01 [521]	Mehdizadeh-Somarin23 [522]	MejiaY20 [523]	MelgarejoLS15 [14]
Menana11 [524]	MenciaSV12 [525]	MenciaSV13 [526]	MengGRZSC22 [527]	MengLZB21 [528]	MengZRZL20 [529]
Mercier-AubinGQ20 [532]	MercierH07 [531]	MercierH08 [530]	Milano11 [533]	MilanoORT02 [534]	MilanoW06 [535]
MilanoW09 [536]	MintonJPL92 [537]	MoffittPP05 [538]	MokhtarzadehTNF20 [539]	MonetteDD07 [540]	MonetteDH09 [541]
MontemanniD23 [543]	MontemanniD23a [542]	MossigeGSMC17 [544]	MouraSCL08 [546]	MouraSCL08a [545]	MullerMKP22 [547]
MurinR19 [548]	MurphyMB15 [549]	Muscettola02 [550]	MusliuSS18 [551]	NaderiBZ22 [554]	NaderiBZ22a [552]
NaderiBZ23 [555]	NaderiBZR23 [553]	NaderiR22 [556]	NaderiRBAU21 [557]	NaderiRR23 [558]	Nattaf16 [559]
NattafAL15 [560]	NattafAL17 [561]	NattafALR16 [562]	NattafDYW19 [563]	NattafHKAL19 [564]	NattafM20 [565]
NeronABCDD06 [579]	NishikawaSTT18 [568]	NishikawaSTT18a [569]	NishikawaSTT19 [570]	NourimHD23 [731]	NovaraNH16 [571]
Novas19 [572]	NovasH10 [573]	NovasH12 [574]	NovasH14 [575]	NuijtenA94 [576]	NuijtenA96 [577]
NuijtenP98 [578]	OddiPCC03 [580]	OhrimenkoSC09 [581]	OrnekO16 [582]	OrnekOS20 [583]	OuelletQ13 [584]
OuelletQ18 [585]	OuelletQ22 [586]	OujanaAYB22 [587]	OzturkTHO10 [589]	OzturkTHO12 [588]	OzturkTHO13 [590]
OzturkTHO15 [591]	PandeyS21a [592]	PapaB98 [595]	Pape94 [593]	PapeB97 [594]	ParkUJR19 [596]
PembertonG98 [597]	PenzDN23 [598]	PerezGSL23 [599]	PerronSF04 [601]	PesantGPR99 [602]	PesantRR15 [603]
PeschT96 [604]	PoderB08 [607]	PoderBS04 [608]	PohlAK22 [609]	Polo-MejiaALB20 [610]	PopovicCGNC22 [611]
PourDERB18 [612]	PovedaAA23 [613]	Pralet17 [614]	PraletLJ15 [615]	PrataAN23 [616]	Puget95 [618]
QinDCS20 [620]	QinDS16 [621]	QinWSLS21 [619]	QuSN06 [622]	QuirogaZH05 [623]	RabbaniMM21 [624]
ReddyFIBKAJ11 [626]	Refalo00 [627]	RenT09 [628]	RendIPHPR12 [629]	RiahiNS018 [630]	RiiseML16 [631]
RodosekW98 [632]	RodosekWH99 [633]	Rodriguez07 [634]	Rodriguez07b [635]	RodriguezDG02 [636]	RodriguezS09 [637]
RoePS05 [638]	RoshanaeiBAUB20 [639]	RoshanaeiLAU17 [640]	RoshanaeiLAU17a [641]	RoshanaeiN21 [642]	RossiTHP07 [643]
RuggieroBBMA09 [644]	SacramentoSP20 [645]	SadehF96 [646]	Sadykov04 [647]	SadykovW06 [648]	SakkoutW00 [649]
SchausD08 [650]	SchausHMCMD11 [651]	SchildW00 [652]	SchnellH15 [653]	SchnellH17 [654]	Schutt11 [655]
SchuttCSW12 [656]	SchuttFS13 [658]	SchuttFS13a [657]	SchuttFSW09 [659]	SchuttFSW11 [661]	SchuttFSW13 [662]
SchuttFSW15 [663]	SchuttS16 [664]	SchuttW10 [665]	SchuttWS05 [666]	SerraNM12 [667]	ShaikhK23 [668]
ShiYXQ22 [670]	ShinBBHO18 [671]	Siala15 [672]	Siala15a [673]	SialaAH15 [674]	SimoninAHL12 [675]
SimoninAHL15 [676]	Simonis07 [680]	Simonis95 [678]	Simonis95a [677]	Simonis99 [679]	SimonisC95 [682]
SimonisCK00 [681]	SimonisH11 [683]	SmithBHW96 [684]	SourdN00 [685]	SquillaciPR23 [686]	SubulanC22 [687]
SunLYL10 [690]	SunTB19 [688]	SureshMOK06 [691]	SvancaraB22 [692]	SzerediS16 [693]	TanSD10 [696]

Table 1: Key Overview (Total: 761)

1	2	3	4	5	6
TanT18 [695]	TanZWGQ19 [697]	TangB20 [698]	TangLWSK18 [699]	TardivoDFMP23 [700]	TasselGS23 [701]
Tay92 [703]	Teppan22 [704]	TerekhovDOB12 [705]	TerekhovTDB14 [706]	Tesch16 [707]	Tesch18 [708]
ThiruvadyBME09 [709]	ThiruvadyWGS14 [710]	ThomasKS20 [711]	Thorsteinsson01 [712]	Timpe02 [713]	Tom19 [714]
TopalogluO11 [715]	TorresL00 [716]	TouatBT22 [717]	Touraivane95 [718]	TranAB16 [719]	TranB12 [720]
TranDRFWOVB16 [721]	TranPZLDB18 [722]	TranTDB13 [723]	TranVNB17 [724]	TranVNB17a [725]	TranWDRFOVB16
TrojetHL11 [727]	Tsang03 [728]	UnsalO13 [729]	UnsalO19 [730]	ValleMGT03 [732]	VanczaM01 [737]
VerfaillieL01 [738]	Vilim02 [739]	Vilim03 [740]	Vilim04 [741]	Vilim05 [742]	Vilim09 [743]
Vilim09a [744]	Vilim11 [745]	VilimBC04 [746]	VilimBC05 [747]	VilimLS15 [748]	VillaverdeP04 [749]
VlkHT21 [750]	Wallace06 [753]	Wallace94 [751]	Wallace96 [752]	WallaceY20 [754]	WangB20 [755]
WangB23 [756]	WangMD15 [757]	WariZ19 [758]	WatsonB08 [759]	WeilHFP95 [760]	WessenCS20 [761]
WikarekS19 [762]	WinterMMW22 [763]	Wolf03 [764]	Wolf05 [765]	Wolf09 [769]	Wolf11 [766]
WolfS05 [768]	WolfS05a [767]	WolinskiKG04 [770]	WuBB05 [771]	WuBB09 [772]	YangSS19 [773]
YounespourAKE19 [774]	YoungFS17 [775]	YunusogluY22 [777]	YuraszeckMC23 [778]	YuraszeckMCCR23 [780]	YuraszeckMPV22 [782]
Zahout21 [781]	ZampelliVSDR13 [782]	ZarandiASC20 [784]	ZarandiB12 [261]	ZarandiKS16 [783]	Zeballos10 [785]
ZeballosCM10 [788]	ZeballosH05 [786]	ZeballosNH11 [789]	ZeballosQH10 [787]	ZhangBB22 [791]	ZhangJZL22 [790]
ZhangLS12 [794]	ZhangW18 [793]	ZhangYW21 [792]	Zhou96 [795]	Zhou97 [796]	ZhouGL15 [797]
ZhuS02 [798]	ZhuSZW23 [799]	ZibranR11 [800]	ZibranR11a [801]	ZouZ20 [802]	abs-0907-0939 [605]
abs-1009-0347 [660]	abs-1901-07914 [95]	abs-1902-01193 [17]	abs-1902-09244 [350]	abs-1911-04766 [291]	abs-2102-08778 [193]
abs-2211-14492 [689]	abs-2305-19888 [365]	abs-2306-05747 [702]	abs-2312-13682 [600]	abs-2402-00459 [567]	

2 Conference Paper List

This section presents the information for all conference papers included in the survey. For space reasons, not all information about the papers can be presented in a single table, we therefore split the data into three parts. The first part contains the main bibliographical information for the paper. The paper are sorted by year of publication (newest first), and then alphabetically by key.

The key contains a hyperlink to the original source URL of the paper. You may have to navigate manually to download the actual paper content, and you may be unable to access the paper completely if it is behind a paywall for which you (or your organization) do not have access.

We then list the authors of the paper, in the other given in the bibtex file, abbreviating first names for space where we can identify them. Note that names with non-latin characters are not handled by latex. We use the form that is given in the bibtex file, but have excluded entries that cause latex to fail.

We then give the title of the publication, using the original capitalization of the title entry in the bibtex entry, which may differ from the format shown in the bibliography. We then (column LC) provide a link to a local copy, if it is present, and a link to the bibliography entry of the paper. We also show the year of publication, and the conference where the paper was published, using a short form abbreviation of the conference. This relies on a matching routine in the Java code to find the short title, new conference series may require an additional entry in `ImportBibtex.java` to work properly. Finally we list the number of pages of the paper, this information is using the bibtex entry where possible, otherwise uses `pdfinfo` to extract the actual number of pages from the local copy. The final columns b and c provide links to the corresponding tables of extracted concepts and manual information. Note that the links to typically show the correct page, not do not necessarily scroll to the

correct line in the table.

2.1 Papers from bibtex

Table 2: Works from bibtex (Total 353)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
BonninMNE24 BonninMNE24	C. Bonnin, A. Malapert, M. Nattaf, M. Espinouse	Toward a Global Constraint for Minimizing the Flowtime	Yes	[138]	2024	ICORES 2024	12	0	0	418	697
AalianPG23 AalianPG23	Y. Aalian, G. Pesant, M. Gamache	Optimization of Short-Term Underground Mine Planning Using Constraint Programming	Yes	[1]	2023	CP 2023	16	0	0	354	698
Bit-Monnot23 Bit-Monnot23	A. Bit-Monnot	Enhancing Hybrid CP-SAT Search for Disjunctive Scheduling	Yes	[118]	2023	ECAI 2023	8	0	0	407	699
EfthymiouY23 EfthymiouY23	N. Efthymiou, N. Yorke-Smith	Predicting the Optimal Period for Cyclic Hoist Scheduling Problems	Yes	[238]	2023	CPAIOR 2023	16	0	23	457	700
JuvinHHL23 JuvinHHL23	C. Juvin, E. Hebrard, L. Houssin, P. Lopez	An Efficient Constraint Programming Approach to Preemptive Job Shop Scheduling	Yes	[407]	2023	CP 2023	16	0	0	525	701
JuvinHL23 JuvinHL23	C. Juvin, L. Houssin, P. Lopez	Constraint Programming for the Robust Two-Machine Flow-Shop Scheduling Problem with Budgeted Uncertainty	Yes	[409]	2023	CPAIOR 2023	16	0	11	526	702
KameugneFND23 KameugneFND23	R. Kameugne, Séverine Betmbe Fetgo, T. Noulamo, Clémentin Tayou Djamégni	Horizontally Elastic Edge Finder Rule for Cumulative Constraint Based on Slack and Density	Yes	[415]	2023	CP 2023	17	0	0	529	703
KimCMLLP23 KimCMLLP23	D. Kim, Y. Choi, K. Moon, M. Lee, K. Lee, Michael L. Pinedo	Iterated Greedy Constraint Programming for Scheduling Steelmaking Continuous Casting	Yes	[425]	2023	CPAIOR 2023	16	0	13	534	704
Mehdizadeh-Somarin23 Mehdizadeh-Somarin23	Z. Mehdizadeh-Somarin, R. Tavakkoli-Moghaddam, M. Rohaninejad, Z. Hanzálek, Behdin Vahedi Nouri	A Constraint Programming Model for a Reconfigurable Job Shop Scheduling Problem with Machine Availability	Yes	[522]	2023	APMS 2023	14	0	0	579	705
PerezGSL23 PerezGSL23	G. Perez, G. Glorian, W. Suijlen, A. Lallouet	A Constraint Programming Model for Scheduling the Unloading of Trains in Ports	Yes	[599]	2023	ICTAI 2023	7	0	0	603	706
PovedaAA23 PovedaAA23	G. Poveda, N. Álvarez, C. Artigues	Partially Preemptive Multi Skill/Mode Resource-Constrained Project Scheduling with Generalized Precedence Relations and Calendars	Yes	[613]	2023	CP 2023	21	0	0	608	707
SquillaciPR23 SquillaciPR23	S. Squillaci, C. Pralet, S. Roussel	Scheduling Complex Observation Requests for a Constellation of Satellites: Large Neighborhood Search Approaches	Yes	[686]	2023	CPAIOR 2023	17	0	19	638	708
TardivoDFMP23 TardivoDFMP23	F. Tardivo, A. Dovier, A. Formisano, L. Michel, E. Pontelli	Constraint Propagation on GPU: A Case Study for the Cumulative Constraint	Yes	[700]	2023	CPAIOR 2023	18	0	30	644	709
TasselGS23 TasselGS23	P. Tassel, M. Gebser, K. Schekotihin	An End-to-End Reinforcement Learning Approach for Job-Shop Scheduling Problems Based on Constraint Programming	Yes	[701]	2023	ICAPS 2023	9	0	0	645	710
WangB23 WangB23	R. Wang, N. Barnier	Dynamic All-Different and Maximal Cliques Constraints for Fixed Job Scheduling	Yes	[756]	2023	ICTAI 2023	8	0	0	674	711
YuraszeckMC23 YuraszeckMC23	F. Yuraszeck, G. Mejía, D. Canut-de-Bon	A competitive constraint programming approach for the group shop scheduling problem	Yes	[778]	2023	ANT 2023	6	1	15	687	712
ArmstrongGOS22 ArmstrongGOS22	E. Armstrong, M. Garraffa, B. O’Sullivan, H. Simonis	A Two-Phase Hybrid Approach for the Hybrid Flexible Flowshop with Transportation Times	Yes	[33]	2022	CPAIOR 2022	13	0	14	367	713
BoudreaultSLQ22 BoudreaultSLQ22	R. Boudreault, V. Simard, D. Lafond, C. Quimper	A Constraint Programming Approach to Ship Refit Project Scheduling	Yes	[144]	2022	CP 2022	16	0	0	420	714
GeitzGSSW22 GeitzGSSW22	M. Geitz, C. Grozea, W. Steigerwald, R. Stöhr, A. Wolf	Solving the Extended Job Shop Scheduling Problem with AGVs - Classical and Quantum Approaches	Yes	[294]	2022	CPAIOR 2022	18	0	24	483	715
HebrardALLCMR22 HebrardALLCMR22	E. Hebrard, C. Artigues, P. Lopez, A. Lusson, Steve A. Chien, A. Maillard, Gregg R. Rabideau	An Efficient Approach to Data Transfer Scheduling for Long Range Space Exploration	Yes	[353]	2022	IJCAI 2022	7	0	0	504	716
JungblutK22 JungblutK22	P. Jungblut, D. Kranzlmüller	Optimal Schedules for High-Level Programming Environments on FPGAs with Constraint Programming	Yes	[405]	2022	IPDPS 2022	4	0	0	524	717

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LiFJZLL22 LiFJZLL22	X. Li, J. Fu, Z. Jia, Z. Zhao, S. Li, S. Liu	Constraint Programming for a Novel Integrated Optimization of Blocking Job Shop Scheduling and Variable-Speed Transfer Robot Assignment	Yes	[469]	2022	ICNSC 2022	6	0	31	555	718
LuoB22 LuoB22	Yiqing L. Luo, J. Christopher Beck	Packing by Scheduling: Using Constraint Programming to Solve a Complex 2D Cutting Stock Problem	Yes	[503]	2022	CPAIOR 2022	17	0	28	571	719
OuelletQ22 OuelletQ22	Y. Ouellet, C. Quimper	A MinCumulative Resource Constraint	Yes	[586]	2022	CPAIOR 2022	17	1	22	599	720
OujanaAYB22 OujanaAYB22	S. Oujana, L. Amodeo, F. Yalaoui, D. Brodard	Solving a realistic hybrid and flexible flow shop scheduling problem through constraint programming: industrial case in a packaging company	Yes	[587]	2022	CoDIT 2022	6	1	21	600	721
PopovicCGNC22 PopovicCGNC22	L. Popovic, A. Côté, M. Gaha, F. Nguewouo, Q. Cappart	Scheduling the Equipment Maintenance of an Electric Power Transmission Network Using Constraint Programming	Yes	[611]	2022	CP 2022	15	0	0	607	722
SvancaraB22 SvancaraB22	J. Svancara, R. Barták	Tackling Train Routing via Multi-agent Pathfinding and Constraint-based Scheduling	Yes	[692]	2022	ICAART 2022	8	0	0	640	723
Teppan22 Teppan22	Erich Christian Teppan	Types of Flexible Job Shop Scheduling: A Constraint Programming Experiment	Yes	[704]	2022	ICAART 2022	8	0	0	646	724
TouatBT22 TouatBT22	M. Touat, B. Benhamou, Fatima Benbouzid-Si Tayeb	A Constraint Programming Model for the Scheduling Problem with Flexible Maintenance under Human Resource Constraints	Yes	[717]	2022	ICAART 2022	8	0	0	653	725
WinterMMW22 WinterMMW22	F. Winter, S. Meiswinkel, N. Musliu, D. Walkiewicz	Modeling and Solving Parallel Machine Scheduling with Contamination Constraints in the Agricultural Industry	Yes	[763]	2022	CP 2022	18	0	0	677	726
ZhangBB22 ZhangBB22	J. Zhang, Giovanni Lo Bianco, J. Christopher Beck	Solving Job-Shop Scheduling Problems with QUBO-Based Specialized Hardware	Yes	[791]	2022	ICAPS 2022	9	1	0	689	727
ZhangJZL22 ZhangJZL22	H. Zhang, Y. Ji, Z. Zhao, S. Liu	Constraint Programming for Modeling and Solving a Hybrid Flow Shop Scheduling Problem	Yes	[790]	2022	ICNSC 2022	6	0	21	690	728
AntuoriHHEN21 AntuoriHHEN21	V. Antuori, E. Hebrard, M. Huguet, S. Essodaigui, A. Nguyen	Combining Monte Carlo Tree Search and Depth First Search Methods for a Car Manufacturing Workshop Scheduling Problem	Yes	[26]	2021	CP 2021	16	0	0	364	729
ArmstrongGOS21 ArmstrongGOS21	E. Armstrong, M. Garraffa, B. O’Sullivan, H. Simonis	The Hybrid Flexible Flowshop with Transportation Times	Yes	[32]	2021	CP 2021	18	1	0	366	730
ArtiguesHQT21 ArtiguesHQT21	C. Artigues, E. Hebrard, A. Quilliot, H. Toussaint	Multi-Mode RCPSP with Safety Margin Maximization: Models and Algorithms	Yes	[39]	2021	ICORES 2021	8	0	0	370	731
Astrand0F21 Astrand0F21	M. Åstrand, M. Johansson, Hamid Reza Feyzmahdavian	Short-Term Scheduling of Production Fleets in Underground Mines Using CP-Based LNS	Yes	[45]	2021	CPAIOR 2021	18	2	25	372	732
BenderWS21 BenderWS21	T. Bender, D. Wittwer, T. Schmidt	Applying Constraint Programming to the Multi-mode Scheduling Problem in Harvest Logistics	Yes	[103]	2021	ICCL 2021	16	1	16	397	733
GeibingerKKMMW21 GeibingerKKMMW21	T. Geibinger, L. Kletzander, M. Krainz, F. Mischek, N. Musliu, F. Winter	Physician Scheduling During a Pandemic	Yes	[290]	2021	CPAIOR 2021	10	0	6	480	734
GeibingerMM21 GeibingerMM21	T. Geibinger, F. Mischek, N. Musliu	Constraint Logic Programming for Real-World Test Laboratory Scheduling	Yes	[293]	2021	AAAI 2021	9	0	0	482	735
HanenKP21 HanenKP21	C. Hanen, Alix Munier Kordon, T. Pedersen	Two Deadline Reduction Algorithms for Scheduling Dependent Tasks on Parallel Processors	Yes	[344]	2021	CPAIOR 2021	17	1	24	502	736
HillTV21 HillTV21	A. Hill, J. Ticktin, Thomas W. M. Vossen	A Computational Study of Constraint Programming Approaches for Resource-Constrained Project Scheduling with Autonomous Learning Effects	Yes	[373]	2021	CPAIOR 2021	19	0	38	513	737
KlankeBYE21 KlankeBYE21	C. Klanke, Dominik R. Bleidorn, V. Yfantis, S. Engell	Combining Constraint Programming and Temporal Decomposition Approaches - Scheduling of an Industrial Formulation Plant	Yes	[426]	2021	CPAIOR 2021	16	3	13	535	738
KovacsTKSG21 KovacsTKSG21	B. Kovács, P. Tassel, W. Kohlenbrein, P. Schrott-Kostwein, M. Gebser	Utilizing Constraint Optimization for Industrial Machine Workload Balancing	Yes	[441]	2021	CP 2021	17	0	0	541	739

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LacknerMMWW21 LacknerMMWW21	M. Lackner, C. Mrkvicka, N. Musliu, D. Walkiewicz, F. Winter	Minimizing Cumulative Batch Processing Time for an Industrial Oven Scheduling Problem	Yes	[455]	2021	CP 2021	18	0	0	550	740
AntuoriHHEN20 AntuoriHHEN20	V. Antuori, E. Hebrard, M. Huguet, S. Essodaigui, A. Nguyen	Leveraging Reinforcement Learning, Constraint Programming and Local Search: A Case Study in Car Manufacturing	Yes	[25]	2020	CP 2020	16	3	8	363	741
BarzegaranZP20 BarzegaranZP20	M. Barzegaran, B. Zarrin, P. Pop	Quality-Of-Control-Aware Scheduling of Communication in TSN-Based Fog Computing Platforms Using Constraint Programming	Yes	[76]	2020	Fog-IoT 2020	9	0	0	385	742
GodetLHS20 GodetLHS20	A. Godet, X. Lorca, E. Hebrard, G. Simonin	Using Approximation within Constraint Programming to Solve the Parallel Machine Scheduling Problem with Additional Unit Resources	Yes	[304]	2020	AAAI 2020	8	1	0	489	743
GokGSTO20 GokGSTO20	Yagmur S. Gök, D. Guimarães, Peter J. Stuckey, M. Tomasella, C. Öztürk	Robust Resource Planning for Aircraft Ground Operations	Yes	[306]	2020	CPAIOR 2020	17	2	14	490	744
GroleazNS20 GroleazNS20	L. Groleaz, Samba Ndojh Ndiaye, C. Solnon	Solving the Group Cumulative Scheduling Problem with CPO and ACO	Yes	[324]	2020	CP 2020	17	1	25	497	745
GroleazNS20a GroleazNS20a	L. Groleaz, Samba Ndojh Ndiaye, C. Solnon	ACO with automatic parameter selection for a scheduling problem with a group cumulative constraint	Yes	[323]	2020	GECCO 2020	9	3	28	498	746
Mercier-AubinGQ20 Mercier-AubinGQ20	A. Mercier-Aubin, J. Gaudreault, C. Quimper	Leveraging Constraint Scheduling: A Case Study to the Textile Industry	Yes	[532]	2020	CPAIOR 2020	13	2	13	581	747
NattafM20 NattafM20	M. Nattaf, A. Malapert	Filtering Rules for Flow Time Minimization in a Parallel Machine Scheduling Problem	Yes	[565]	2020	CP 2020	16	0	6	592	748
TangB20 TangB20	Tanya Y. Tang, J. Christopher Beck	CP and Hybrid Models for Two-Stage Batching and Scheduling	Yes	[698]	2020	CPAIOR 2020	16	6	12	643	749
ThomasKS20 ThomasKS20	C. Thomas, R. Kameugne, P. Schaus	Insertion Sequence Variables for Hybrid Routing and Scheduling Problems	Yes	[711]	2020	CPAIOR 2020	18	0	16	650	750
WangB20 WangB20	R. Wang, N. Barnier	Global Propagation of Transition Cost for Fixed Job Scheduling	Yes	[755]	2020	ECAI 2020	8	0	0	673	751
WessenCS20 WessenCS20	J. Wessén, M. Carlsson, C. Schulte	Scheduling of Dual-Arm Multi-tool Assembly Robots and Workspace Layout Optimization	Yes	[761]	2020	CPAIOR 2020	10	2	11	676	752
BadicaBIL19 BadicaBIL19	A. Badica, C. Badica, M. Ivanovic, D. Logofatu	Exploring the Space of Block Structured Scheduling Processes Using Constraint Logic Programming	Yes	[50]	2019	IDC 2019	11	2	6	374	753
BehrensLM19 BehrensLM19	Jan Kristof Behrens, R. Lange, M. Mansouri	A Constraint Programming Approach to Simultaneous Task Allocation and Motion Scheduling for Industrial Dual-Arm Manipulation Tasks	Yes	[94]	2019	ICRA 2019	7	12	18	392	754
BogaerdtW19 BogaerdtW19	Pim van den Bogaerdt, Mathijs de Weerdt	Lower Bounds for Uniform Machine Scheduling Using Decision Diagrams	Yes	[734]	2019	CPAIOR 2019	16	1	16	411	755
ColT19 ColT19	Giacomo Da Col, Erich Christian Teppan	Industrial Size Job Shop Scheduling Tackled by Present Day CP Solvers	Yes	[194]	2019	CP 2019	17	11	12	442	756
FrimodigS19 FrimodigS19	S. Frimodig, C. Schulte	Models for Radiation Therapy Patient Scheduling	Yes	[275]	2019	CP 2019	17	3	26	471	757
FrohnerTR19 FrohnerTR19	N. Frohner, S. Teuschl, Günther R. Raidl	Casual Employee Scheduling with Constraint Programming and Metaheuristics	Yes	[277]	2019	EUROCAST 2019	9	0	6	472	758
GalleguillosKSB19 GalleguillosKSB19	C. Galleguillos, Z. Kiziltan, A. Sirbu, Özalp Babaoğlu	Constraint Programming-Based Job Dispatching for Modern HPC Applications	Yes	[279]	2019	CP 2019	18	1	27	474	759
GeibingerMM19 GeibingerMM19	T. Geibinger, F. Mischek, N. Musliu	Investigating Constraint Programming for Real World Industrial Test Laboratory Scheduling	Yes	[292]	2019	CPAIOR 2019	16	6	15	481	760
KucukY19 KucukY19	M. Küçük, Seyda Topaloglu Yildiz	A Constraint Programming Approach for Agile Earth Observation Satellite Scheduling Problem	Yes	[449]	2019	RAST 2019	5	2	17	546	761
LiuLH19 LiuLH19	K. Liu, S. Löffler, P. Hofstedt	Solving the Talent Scheduling Problem by Parallel Constraint Programming	Yes	[477]	2019	AIAI 2019	9	1	5	563	762

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MalapertN19 MalapertN19	A. Malapert, M. Nattaf	A New CP-Approach for a Parallel Machine Scheduling Problem with Time Constraints on Machine Qualifications	Yes	[512]	2019	CPAIOR 2019	17	1	7	577	763
MurinR19 MurinR19	S. Murin, H. Rudová	Scheduling of Mobile Robots Using Constraint Programming	Yes	[548]	2019	CP 2019	16	2	22	588	764
ParkUJR19 ParkUJR19	H. Park, J. Um, J. Jung, M. Ruskowski	Developing a Production Scheduling System for Modular Factory Using Constraint Programming	Yes	[596]	2019	RAAD 2019	8	1	3	601	765
Tom19 Tom19	M. Tom	Fuzzy Multi-Constraint Programming Model for Weekly Meals Scheduling	Yes	[714]	2019	FUZZ-IEEE 2019	6	0	21	652	766
YangSS19 YangSS19	M. Yang, A. Schutt, Peter J. Stuckey	Time Table Edge Finding with Energy Variables	Yes	[773]	2019	CPAIOR 2019	10	1	14	685	767
AntunesABD18 AntunesABD18	M. Antunes, V. Armant, Kenneth N. Brown, Daniel A. Desmond, G. Escamocher, A. George, D. Grimes, M. O’Keeffe, Y. Lin, B. O’Sullivan, C. Öztürk, L. Quesada, M. Siala, H. Simonis, N. Wilson	Assigning and Scheduling Service Visits in a Mixed Urban/Rural Setting	Yes	[23]	2018	ICTAI 2018	8	1	24	362	768
ArbaouiY18 ArbaouiY18	T. Arbaoui, F. Yalaoui	Solving the Unrelated Parallel Machine Scheduling Problem with Additional Resources Using Constraint Programming	Yes	[29]	2018	ACIIDS 2018	10	2	14	365	769
AstrandJZ18 AstrandJZ18	M. Åstrand, M. Johansson, A. Zanarini	Fleet Scheduling in Underground Mines Using Constraint Programming	Yes	[46]	2018	CPAIOR 2018	9	9	10	373	770
BenediktSMVH18 BenediktSMVH18	O. Benedikt, P. Sucha, I. Módos, M. Vlk, Z. Hanzálek	Energy-Aware Production Scheduling with Power-Saving Modes	Yes	[106]	2018	CPAIOR 2018	10	2	12	398	771
CappartTSR18 CappartTSR18	Q. Cappart, C. Thomas, P. Schaus, L. Rousseau	A Constraint Programming Approach for Solving Patient Transportation Problems	Yes	[164]	2018	CP 2018	17	6	31	428	772
DemirovicS18 DemirovicS18	E. Demirovic, Peter J. Stuckey	Constraint Programming for High School Timetabling: A Scheduling-Based Model with Hot Starts	Yes	[218]	2018	CPAIOR 2018	18	4	16	449	773
He0GLW18 He0GLW18	S. He, Mark G. Wallace, G. Gange, A. Liebman, C. Wilson	A Fast and Scalable Algorithm for Scheduling Large Numbers of Devices Under Real-Time Pricing	Yes	[352]	2018	CP 2018	18	6	26	503	774
HoYCLLC18 HoYCLLC18	T. Ho, J. Yao, Y. Chang, F. Lai, J. Lai, S. Chu, W. Liao, H. Chiu	A Platform for Dynamic Optimal Nurse Scheduling Based on Integer Linear Programming along with Multiple Criteria Constraints	Yes	[375]	2018	AICCC 2018	6	2	14	514	775
KameugneFGOQ18 KameugneFGOQ18	R. Kameugne, Séverine Betmbe Fetgo, V. Gingras, Y. Ouellet, C. Quimper	Horizontally Elastic Not-First/Not-Last Filtering Algorithm for Cumulative Resource Constraint	Yes	[414]	2018	CPAIOR 2018	17	1	12	528	776
Laborie18a Laborie18a	P. Laborie	An Update on the Comparison of MIP, CP and Hybrid Approaches for Mixed Resource Allocation and Scheduling	Yes	[452]	2018	CPAIOR 2018	9	18	10	549	777
MusliuSS18 MusliuSS18	N. Musliu, A. Schutt, Peter J. Stuckey	Solver Independent Rotating Workforce Scheduling	Yes	[551]	2018	CPAIOR 2018	17	7	23	591	778
NishikawaSTT18 NishikawaSTT18	H. Nishikawa, K. Shimada, I. Taniguchi, H. Tomiyama	Scheduling of Malleable Fork-Join Tasks with Constraint Programming	Yes	[568]	2018	CANDAR 2018	6	2	14	593	779
NishikawaSTT18a NishikawaSTT18a	H. Nishikawa, K. Shimada, I. Taniguchi, H. Tomiyama	Scheduling of Malleable Tasks Based on Constraint Programming	Yes	[569]	2018	TENCON 2018	6	1	9	594	780
OuelletQ18 OuelletQ18	Y. Ouellet, C. Quimper	A $O(n \log^2 n)$ Checker and $O(n^2 \log n)$ Filtering Algorithm for the Energetic Reasoning	Yes	[585]	2018	CPAIOR 2018	18	6	16	598	781
RiahiNS018 RiahiNS018	V. Riahi, M. A. Hakim Newton, K. Su, A. Sattar	Local Search for Flowshops with Setup Times and Blocking Constraints	Yes	[630]	2018	ICAPS 2018	9	4	0	616	782
TanT18 TanT18	Y. Tan, D. Terekhov	Logic-Based Benders Decomposition for Two-Stage Flexible Flow Shop Scheduling with Unrelated Parallel Machines	Yes	[695]	2018	Canadian AI 2018	12	1	23	642	783
Tesch18 Tesch18	A. Tesch	Improving Energetic Propagations for Cumulative Scheduling	Yes	[708]	2018	CP 2018	17	5	21	648	784
BofillCSV17 BofillCSV17	M. Bofill, J. Coll, J. Suy, M. Villaret	An Efficient SMT Approach to Solve MRCPSP/max Instances with Tight Constraints on Resources	Yes	[127]	2017	CP 2017	9	1	12	408	785

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CappartS17	CappartS17	Q. Cappart, P. Schaus	Yes	[163]	2017	CPAIOR 2017	16	2	28	427	786
CohenHB17	CohenHB17	E. Cohen, G. Huang, J. Christopher Beck	Yes	[192]	2017	SAT 2017	17	1	12	441	787
GelainPRVW17	GelainPRVW17	M. Gelain, Maria Silvia Pini, F. Rossi, Kristen Brent Venable, T. Walsh	Yes	[295]	2017	CPAIOR 2017	16	1	5	484	788
GoldwaserS17	GoldwaserS17	A. Goldwaser, A. Schutt	Yes	[309]	2017	CP 2017	16	0	10	491	789
Hooker17	Hooker17	John N. Hooker	Yes	[388]	2017	CP 2017	14	6	24	519	790
KletzanderM17	KletzanderM17	L. Kletzander, N. Musliu	Yes	[427]	2017	CPAIOR 2017	15	1	9	536	791
LiuCGM17	LiuCGM17	T. Liu, Roberto Di Cosmo, M. Gabbrielli, J. Mauro	Yes	[480]	2017	CP 2017	17	0	15	561	792
Madi-WambaLOBM17	Madi-WambaLOBM17	G. Madi-Wamba, Y. Li, A. Orgerie, N. Beldiceanu, J. Menaud	Yes	[507]	2017	ICPADS 2017	8	1	8	574	793
MossigeGSMC17	MossigeGSMC17	M. Mossige, A. Gotlieb, H. Spieker, H. Meling, M. Carlsson	Yes	[544]	2017	CP 2017	18	6	33	585	794
Pralet17	Pralet17	C. Pralet	Yes	[614]	2017	CP 2017	19	1	30	609	795
TranVNB17a	TranVNB17a	Tony T. Tran, Tiago Stegun Vaquero, G. Nejat, J. Christopher Beck	Yes	[725]	2017	IJCAI 2017	5	1	0	658	796
YoungFS17	YoungFS17	Kenneth D. Young, T. Feydy, A. Schutt	Yes	[775]	2017	CP 2017	10	6	21	686	797
AmadiniGM16	AmadiniGM16	R. Amadini, M. Gabbrielli, J. Mauro	Yes	[21]	2016	LION 2016	7	2	16	360	798
BonfiettiZLM16	BonfiettiZLM16	A. Bonfietti, A. Zanarini, M. Lombardi, M. Milano	Yes	[137]	2016	CP 2016	17	0	11	417	799
BoothNB16	BoothNB16	Kyle E. C. Booth, G. Nejat, J. Christopher Beck	Yes	[139]	2016	CP 2016	17	21	24	419	800
BridiLBBM16	BridiLBBM16	T. Bridi, M. Lombardi, A. Bartolini, L. Benini, M. Milano	Yes	[151]	2016	ECAI 2016	2	0	0	422	801
CatusseCBL16	CatusseCBL16	N. Catusse, H. Cambazard, N. Brauner, P. Lemaire, B. Penz, A. Lagrange, P. Rubini	Yes	[175]	2016	IJCAI 2016	7	0	0	431	802
CauwelaertDMS16	CauwelaertDMS16	Sascha Van Cauwelaert, C. Dejemeppe, J. Monette, P. Schaus	Yes	[176]	2016	CP 2016	16	1	12	432	803
FontaineMH16	FontaineMH16	D. Fontaine, Laurent D. Michel, Pascal Van Hentenryck	Yes	[266]	2016	CPAIOR 2016	11	3	0	464	804
FrankDT16	FrankDT16	J. Frank, M. Do, Tony T. Tran	Yes	[271]	2016	ICAPS 2016	9	4	0	468	805
GilesH16	GilesH16	K. Giles, Willem-Jan van Hoeve	Yes	[300]	2016	CP 2016	16	2	6	486	806
GingrasQ16	GingrasQ16	V. Gingras, C. Quimper	Yes	[301]	2016	IJCAI 2016	7	0	0	487	807
HechingH16	HechingH16	Aliza R. Heching, John N. Hooker	Yes	[357]	2016	CPAIOR 2016	11	10	0	506	808
JelinekB16	JelinekB16	J. Jelínek, R. Barták	Yes	[403]	2016	PADL 2016	10	0	5	523	809
LimHTB16	LimHTB16	B. Lim, Hassan L. Hijazi, S. Thiébaux, Menkes van den Briel	Yes	[472]	2016	CP 2016	18	2	23	557	810

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LuoVLBM16	R. Luo, Richard Anthony Valenzano, Y. Li, J. Christopher Beck, Sheila A. McIlraith	Using Metric Temporal Logic to Specify Scheduling Problems	Yes	[502]	2016	KR 2016	4	0	0	572	811
Madi-WambaB16	G. Madi-Wamba, N. Beldiceanu	The TaskIntersection Constraint	Yes	[506]	2016	CPAIOR 2016	16	0	0	573	812
SchuttS16	A. Schutt, Peter J. Stuckey	Explaining Producer/Consumer Constraints	Yes	[664]	2016	CP 2016	17	3	23	627	813
SzerediS16	R. Szeredi, A. Schutt	Modelling and Solving Multi-mode Resource-Constrained Project Scheduling	Yes	[693]	2016	CP 2016	10	9	14	641	814
Tesch16	A. Tesch	A Nearly Exact Propagation Algorithm for Energetic Reasoning in $O(n^2 \log n)$	Yes	[707]	2016	CP 2016	27	4	14	647	815
TranDRFWOVB16	Tony T. Tran, M. Do, Eleanor Gilbert Rieffel, J. Frank, Z. Wang, B. O’Gorman, D. Venturelli, J. Christopher Beck	A Hybrid Quantum-Classical Approach to Solving Scheduling Problems	Yes	[721]	2016	SOCS 2016	9	3	0	656	816
TranWDRFOVB16	Tony T. Tran, Z. Wang, M. Do, Eleanor Gilbert Rieffel, J. Frank, B. O’Gorman, D. Venturelli, J. Christopher Beck	Explorations of Quantum-Classical Approaches to Scheduling a Mars Lander Activity Problem	Yes	[726]	2016	AAAI 2016	9	0	0	659	817
BartakV15	R. Barták, M. Vlk	Reactive Recovery from Machine Breakdown in Production Scheduling with Temporal Distance and Resource Constraints	Yes	[72]	2015	ICAART 2015	12	0	0	383	818
BofillGSV15	M. Bofill, M. Garcia, J. Suy, M. Villaret	MaxSAT-Based Scheduling of B2B Meetings	Yes	[129]	2015	CPAIOR 2015	9	7	8	410	819
BurtLPS15	Christina N. Burt, N. Lipovetzky, Adrian R. Pearce, Peter J. Stuckey	Scheduling with Fixed Maintenance, Shared Resources and Nonlinear Feederate Constraints: A Mine Planning Case Study	Yes	[156]	2015	CPAIOR 2015	17	0	8	424	820
CauwelaertLS15	Sascha Van Cauwelaert, M. Lombardi, P. Schaus	Understanding the Potential of Propagators	Yes	[177]	2015	CPAIOR 2015	10	12	0	433	821
DejemeppeCS15	C. Dejemeppe, Sascha Van Cauwelaert, P. Schaus	The Unary Resource with Transition Times	Yes	[214]	2015	CP 2015	16	5	11	447	822
EvenSH15	C. Even, A. Schutt, Pascal Van Hentenryck	A Constraint Programming Approach for Non-preemptive Evacuation Scheduling	Yes	[250]	2015	CP 2015	18	3	12	462	823
GayHLS15	S. Gay, R. Hartert, C. Lecoutre, P. Schaus	Conflict Ordering Search for Scheduling Problems	Yes	[284]	2015	CP 2015	9	20	15	476	824
GayHS15	S. Gay, R. Hartert, P. Schaus	Simple and Scalable Time-Table Filtering for the Cumulative Constraint	Yes	[285]	2015	CP 2015	9	10	9	477	825
GayHS15a	S. Gay, R. Hartert, P. Schaus	Time-Table Disjunctive Reasoning for the Cumulative Constraint	Yes	[286]	2015	CPAIOR 2015	16	5	12	478	826
KreterSS15	S. Kreter, A. Schutt, Peter J. Stuckey	Modeling and Solving Project Scheduling with Calendars	Yes	[442]	2015	CP 2015	17	7	16	544	827
LimBTBB15	B. Lim, Menkes van den Briel, S. Thiébaux, R. Bent, S. Backhaus	Large Neighborhood Search for Energy Aware Meeting Scheduling in Smart Buildings	Yes	[473]	2015	CPAIOR 2015	15	4	18	556	828
LombardiBM15	M. Lombardi, A. Bonfietti, M. Milano	Deterministic Estimation of the Expected Makespan of a POS Under Duration Uncertainty	Yes	[483]	2015	CP 2015	16	0	8	564	829
MelgarejoLS15	P. Aguiar-Melgarejo, P. Laborie, C. Solnon	A Time-Dependent No-Overlap Constraint: Application to Urban Delivery Problems	Yes	[14]	2015	CPAIOR 2015	17	14	17	580	830
MurphyMB15	Seán Óg Murphy, O. Manzano, Kenneth N. Brown	Design and Evaluation of a Constraint-Based Energy Saving and Scheduling Recommender System	Yes	[549]	2015	CP 2015	17	1	20	589	831
PesantRR15	G. Pesant, G. Rix, L. Rousseau	A Comparative Study of MIP and CP Formulations for the B2B Scheduling Optimization Problem	Yes	[603]	2015	CPAIOR 2015	16	1	7	605	832
PraletLJ15	C. Pralet, S. Lemai-Chenevier, J. Jaubert	Scheduling Running Modes of Satellite Instruments Using Constraint-Based Local Search	Yes	[615]	2015	CP 2015	16	0	8	610	833
SialaAH15	M. Siala, C. Artigues, E. Hebrard	Two Clause Learning Approaches for Disjunctive Scheduling	Yes	[674]	2015	CP 2015	10	4	17	631	834
VilimLS15	P. Vilím, P. Laborie, P. Shaw	Failure-Directed Search for Constraint-Based Scheduling	Yes	[748]	2015	CPAIOR 2015	17	31	19	671	835
ZhouGL15	J. Zhou, Y. Guo, G. Li	On complex hybrid flexible flowshop scheduling problems based on constraint programming	Yes	[797]	2015	FSKD 2015	5	0	16	693	836

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AlesioNBG14 AlesioNBG14	Stefano Di Alesio, S. Nejati, Lionel C. Briand, A. Gotlieb	Worst-Case Scheduling of Software Tasks - A Constraint Optimization Model to Support Performance Testing	Yes	[222]	2014	CP 2014	18	3	19	359	837
BartoliniBBLM14 BartoliniBBLM14	A. Bartolini, A. Borghesi, T. Bridi, M. Lombardi, M. Milano	Proactive Workload Dispatching on the EURORA Supercomputer	Yes	[73]	2014	CP 2014	16	12	3	384	838
BessiereHMQW14 BessiereHMQW14	C. Bessiere, E. Hebrard, M. Ménard, C. Quimper, T. Walsh	Buffered Resource Constraint: Algorithms and Complexity	Yes	[115]	2014	CPAIOR 2014	16	1	3	405	839
BofillEGPSV14 BofillEGPSV14	M. Bofill, J. Espasa, M. Garcia, M. Palahí, J. Suy, M. Villaret	Scheduling B2B Meetings	Yes	[128]	2014	CP 2014	16	3	10	409	840
BonfiettiLM14 BonfiettiLM14	A. Bonfietti, M. Lombardi, M. Milano	Disregarding Duration Uncertainty in Partial Order Schedules? Yes, We Can!	Yes	[135]	2014	CPAIOR 2014	16	3	12	415	841
DejemeppeD14 DejemeppeD14	C. Dejemeppe, Y. Deville	Continuously Degrading Resource and Interval Dependent Activity Durations in Nuclear Medicine Patient Scheduling	Yes	[215]	2014	CPAIOR 2014	9	0	7	448	842
DerrienP14 DerrienP14	A. Derrien, T. Petit	A New Characterization of Relevant Intervals for Energetic Reasoning	Yes	[220]	2014	CP 2014	9	14	0	450	843
DerrienPZ14 DerrienPZ14	A. Derrien, T. Petit, S. Zampelli	A Declarative Paradigm for Robust Cumulative Scheduling	Yes	[221]	2014	CP 2014	9	3	10	451	844
DoulabiRP14 DoulabiRP14	Sayed Hossein Hashemi Doulabi, L. Rousseau, G. Pesant	A Constraint Programming-Based Column Generation Approach for Operating Room Planning and Scheduling	Yes	[232]	2014	CPAIOR 2014	9	3	10	455	845
FriedrichFMRSS14 FriedrichFMRSS14	G. Friedrich, M. Frühstück, V. Mersheeva, A. Ryabokon, M. Sander, A. Starzacher, E. Teppan	Representing Production Scheduling with Constraint Answer Set Programming	No	[274]	2014	GOR 2014	7	3	2	No	846
GaySS14 GaySS14	S. Gay, P. Schaus, Vivian De Smedt	Continuous Casting Scheduling with Constraint Programming	Yes	[287]	2014	CP 2014	15	7	11	479	847
HoundjiSWD14 HoundjiSWD14	Vinasétan Ratheil Houndji, P. Schaus, Laurence A. Wolsey, Y. Deville	The StockingCost Constraint	Yes	[394]	2014	CP 2014	16	5	7	521	848
KoschB14 KoschB14	S. Kosch, J. Christopher Beck	A New MIP Model for Parallel-Batch Scheduling with Non-identical Job Sizes	Yes	[433]	2014	CPAIOR 2014	16	4	18	538	849
LipovetzkyBPS14 LipovetzkyBPS14	N. Lipovetzky, Christina N. Burt, Adrian R. Pearce, Peter J. Stuckey	Planning for Mining Operations with Time and Resource Constraints	Yes	[476]	2014	ICAPS 2014	9	5	0	560	850
LouieVNB14 LouieVNB14	Wing-Yue Geoffrey Louie, Tiago Stegun Vaquero, G. Nejat, J. Christopher Beck	An autonomous assistive robot for planning, scheduling and facilitating multi-user activities	Yes	[496]	2014	ICRA 2014	7	16	9	569	851
BonfiettiLM13 BonfiettiLM13	A. Bonfietti, M. Lombardi, M. Milano	De-Cycling Cyclic Scheduling Problems	Yes	[134]	2013	ICAPS 2013	5	1	0	414	852
ChuGNSW13 ChuGNSW13	G. Chu, S. Gaspers, N. Narodytska, A. Schutt, T. Walsh	On the Complexity of Global Scheduling Constraints under Structural Restrictions	Yes	[184]	2013	IJCAI 2013	7	0	0	436	853
CireCH13 CireCH13	André A. Ciré, E. Coban, John N. Hooker	Mixed Integer Programming vs. Logic-Based Benders Decomposition for Planning and Scheduling	Yes	[186]	2013	CPAIOR 2013	7	3	23	438	854
GuSS13 GuSS13	H. Gu, A. Schutt, Peter J. Stuckey	A Lagrangian Relaxation Based Forward-Backward Improvement Heuristic for Maximising the Net Present Value of Resource-Constrained Projects	Yes	[327]	2013	CPAIOR 2013	7	10	24	500	855
HamdiL13 HamdiL13	I. Hamdi, T. Loukil	Logic-based Benders decomposition to solve the permutation flowshop scheduling problem with time lags	No	[343]	2013	unknown 2013	null	2	11	No	856
HeinzKB13 HeinzKB13	S. Heinz, W. Ku, J. Christopher Beck	Recent Improvements Using Constraint Integer Programming for Resource Allocation and Scheduling	Yes	[360]	2013	CPAIOR 2013	16	9	15	508	857
KelarevaTK13 KelarevaTK13	E. Kelareva, K. Tierney, P. Kilby	CP Methods for Scheduling and Routing with Time-Dependent Task Costs	Yes	[420]	2013	CPAIOR 2013	17	16	28	531	858
LetortCB13 LetortCB13	A. Letort, M. Carlsson, N. Beldiceanu	A Synchronized Sweep Algorithm for the k -dimensional cumulative Constraint	Yes	[466]	2013	CPAIOR 2013	16	3	10	554	859

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LombardiM13 LombardiM13	M. Lombardi, M. Milano	A Min-Flow Algorithm for Minimal Critical Set Detection in Resource Constrained Project Scheduling	Yes	[490]	2013	ICAPS 2013	2	3	13	568	860
MalapertCGJLR13 MalapertCGJLR13	A. Malapert, H. Cambazard, C. Gu��ret, N. Jussien, A. Langevin, L. Rousseau	An Optimal Constraint Programming Approach to the Open-Shop Problem	Yes	[511]	2013	ICAPS 2013	2	0	0	576	861
OuelletQ13 OuelletQ13	P. Ouellet, C. Quimper	Time-Table Extended-Edge-Finding for the Cumulative Constraint	Yes	[584]	2013	CP 2013	16	12	14	597	862
SchuttFS13 SchuttFS13	A. Schutt, T. Feydy, Peter J. Stuckey	Scheduling Optional Tasks with Explanation	Yes	[658]	2013	CP 2013	17	10	20	624	863
SchuttFS13a SchuttFS13a	A. Schutt, T. Feydy, Peter J. Stuckey	Explaining Time-Table-Edge-Finding Propagation for the Cumulative Resource Constraint	Yes	[657]	2013	CPAIOR 2013	17	20	27	625	864
TranTDB13 TranTDB13	Tony T. Tran, D. Terekhov, Douglas G. Down, J. Christopher Beck	Hybrid Queueing Theory and Scheduling Models for Dynamic Environments with Sequence-Dependent Setup Times	Yes	[723]	2013	ICAPS 2013	9	2	0	657	865
ZampelliVSDR13 ZampelliVSDR13	S. Zampelli, Y. Vergados, Rowan Van Schaeren, W. Dullaert, B. Raai	The Berth Allocation and Quay Crane Assignment Problem Using a CP Approach	Yes	[782]	2013	CP 2013	17	20	19	688	866
BillautHL12 BillautHL12	J. Billaut, E. Hebrard, P. Lopez	Complete Characterization of Near-Optimal Sequences for the Two-Machine Flow Shop Scheduling Problem	Yes	[117]	2012	CPAIOR 2012	15	1	19	406	867
BonfiettiLBM12 BonfiettiLBM12	A. Bonfietti, M. Lombardi, L. Benini, M. Milano	Global Cyclic Cumulative Constraint	Yes	[132]	2012	CPAIOR 2012	16	2	11	413	868
BonfiettiM12 BonfiettiM12	A. Bonfietti, M. Milano	A Constraint-based Approach to Cyclic Resource-Constrained Scheduling Problem	Yes	[136]	2012	DC SIAAI 2012	3	0	0	416	869
GuSW12 GuSW12	H. Gu, Peter J. Stuckey, Mark G. Wallace	Maximising the Net Present Value of Large Resource-Constrained Projects	Yes	[329]	2012	CP 2012	15	5	20	501	870
HeinzB12 HeinzB12	S. Heinz, J. Christopher Beck	Reconsidering Mixed Integer Programming and MIP-Based Hybrids for Scheduling	Yes	[359]	2012	CPAIOR 2012	17	8	21	507	871
IfrimOS12 IfrimOS12	G. Ifrim, B. O'Sullivan, H. Simonis	Properties of Energy-Price Forecasts for Scheduling	Yes	[397]	2012	CP 2012	16	6	20	522	872
LetortBC12 LetortBC12	A. Letort, N. Beldiceanu, M. Carlsson	A Scalable Sweep Algorithm for the cumulative Constraint	Yes	[465]	2012	CP 2012	16	18	12	553	873
LozanoCDS12 LozanoCDS12	Roberto Casta��eda Lozano, M. Carlsson, F. Drejhammar, C. Schulte	Constraint-Based Register Allocation and Instruction Scheduling	Yes	[497]	2012	CP 2012	17	21	30	570	874
RendlPHPR12 RendlPHPR12	A. Rendl, M. Prandtstetter, G. Hiermann, J. Puchinger, G��nther R. Raidl	Hybrid Heuristics for Multimodal Homecare Scheduling	Yes	[629]	2012	CPAIOR 2012	17	14	14	615	875
SchuttCSW12 SchuttCSW12	A. Schutt, G. Chu, Peter J. Stuckey, Mark G. Wallace	Maximising the Net Present Value for Resource-Constrained Project Scheduling	Yes	[656]	2012	CPAIOR 2012	17	18	21	623	876
SerraNM12 SerraNM12	T. Serra, G. Nishioka, Fernando J. M. Marcellino	The Offshore Resources Scheduling Problem: Detailing a Constraint Programming Approach	Yes	[667]	2012	CP 2012	17	0	8	630	877
SimoninAHL12 SimoninAHL12	G. Simonin, C. Artigues, E. Hebrard, P. Lopez	Scheduling Scientific Experiments on the Rosetta/Philae Mission	Yes	[675]	2012	CP 2012	15	3	8	632	878
TranB12 TranB12	Tony T. Tran, J. Christopher Beck	Logic-based Benders Decomposition for Alternative Resource Scheduling with Sequence Dependent Setups	Yes	[720]	2012	ECAI 2012	6	0	0	655	879
ZhangLS12 ZhangLS12	X. Zhang, Z. Lv, X. Song	Model and Solution for Hot Strip Rolling Scheduling Problem Based on Constraint Programming Method	Yes	[794]	2012	CIT 2012	4	1	3	691	880
BajestaniB11 BajestaniB11	Maliheh Aramon Bajestani, J. Christopher Beck	Scheduling an Aircraft Repair Shop	Yes	[51]	2011	ICAPS 2011	8	2	0	375	881
Balduccini11 Balduccini11	M. Balduccini	Industrial-Size Scheduling with ASP+CP	Yes	[54]	2011	LPNMR 2011	13	20	9	376	882
BonfiettiLBM11 BonfiettiLBM11	A. Bonfietti, M. Lombardi, L. Benini, M. Milano	A Constraint Based Approach to Cyclic RCPSP	Yes	[131]	2011	CP 2011	15	3	14	412	883
ChapadosJR11 ChapadosJR11	N. Chapados, M. Joliveau, L. Rousseau	Retail Store Workforce Scheduling by Expected Operating Income Maximization	Yes	[182]	2011	CPAIOR 2011	6	5	12	435	884
ClercqPBJ11 ClercqPBJ11	Alexis De Clercq, T. Petit, N. Beldiceanu, N. Jussien	Filtering Algorithms for Discrete Cumulative Problems with Overloads of Resource	Yes	[189]	2011	CP 2011	16	3	11	439	885

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EdisO11 EdisO11	Emrah B. Edis, C. Oguz	Parallel Machine Scheduling with Additional Resources: A Lagrangian-Based Constraint Programming Approach	Yes	[235]	2011	CPAIOR 2011	7	5	16	456	886
GrimesH11 GrimesH11	D. Grimes, E. Hebrard	Models and Strategies for Variants of the Job Shop Scheduling Problem	Yes	[318]	2011	CP 2011	17	5	18	495	887
HeinzS11 HeinzS11	S. Heinz, J. Schulz	Explanations for the Cumulative Constraint: An Experimental Study	Yes	[362]	2011	SEA 2011	10	5	12	509	888
HermenierDL11 HermenierDL11	F. Hermenier, S. Demassey, X. Lorca	Bin Repacking Scheduling in Virtualized Datacenters	Yes	[370]	2011	CP 2011	15	28	5	512	889
KameugneFSN11 KameugneFSN11	R. Kameugne, Laure Pauline Fotso, Joseph D. Scott, Y. Ngo-Kateu	A Quadratic Edge-Finding Filtering Algorithm for Cumulative Resource Constraints	Yes	[417]	2011	CP 2011	15	7	9	530	890
LahimerLH11 LahimerLH11	A. Lahimer, P. Lopez, M. Haouari	Climbing Depth-Bounded Adjacent Discrepancy Search for Solving Hybrid Flow Shop Scheduling Problems with Multiprocessor Tasks	Yes	[457]	2011	CPAIOR 2011	14	3	15	551	891
LombardiBMB11 LombardiBMB11	M. Lombardi, A. Bonfietti, M. Milano, L. Benini	Precedence Constraint Posting for Cyclic Scheduling Problems	Yes	[484]	2011	CPAIOR 2011	17	1	13	565	892
SimonisH11 SimonisH11	H. Simonis, T. Hadzic	A Resource Cost Aware Cumulative	Yes	[683]	2011	CSCLP 2011	14	3	9	637	893
Vilim11 Vilim11	P. Vilfm	Timetable Edge Finding Filtering Algorithm for Discrete Cumulative Resources	Yes	[745]	2011	CPAIOR 2011	16	28	6	669	894
Wolf11 Wolf11	A. Wolf	Constraint-Based Modeling and Scheduling of Clinical Pathways	Yes	[766]	2011	CSCLP 2011	17	5	19	681	895
ZibranR11 ZibranR11	Minhaz F. Zibran, Chanchal K. Roy	Conflict-Aware Optimal Scheduling of Code Clone Refactoring: A Constraint Programming Approach	Yes	[800]	2011	ICPC 2011	4	17	18	695	896
ZibranR11a ZibranR11a	Minhaz F. Zibran, Chanchal K. Roy	A Constraint Programming Approach to Conflict-Aware Optimal Scheduling of Prioritized Code Clone Refactoring	Yes	[801]	2011	SCAM 2011	10	26	27	696	897
Beck10 Beck10	J. Christopher Beck	Checking-Up on Branch-and-Check	Yes	[80]	2010	CP 2010	15	19	11	387	898
BertholdHLM10 BertholdHLM10	T. Berthold, S. Heinz, Marco E. Lübbecke, Rolf H. Möhring, J. Schulz	A Constraint Integer Programming Approach for Resource-Constrained Project Scheduling	Yes	[114]	2010	CPAIOR 2010	5	28	10	404	899
CobanH10 CobanH10	E. Coban, John N. Hooker	Single-Facility Scheduling over Long Time Horizons by Logic-Based Benders Decomposition	Yes	[190]	2010	CPAIOR 2010	5	9	9	440	900
Davenport10 Davenport10	Andrew J. Davenport	Integrated Maintenance Scheduling for Semiconductor Manufacturing	Yes	[204]	2010	CPAIOR 2010	5	9	2	445	901
GrimesH10 GrimesH10	D. Grimes, E. Hebrard	Job Shop Scheduling with Setup Times and Maximal Time-Lags: A Simple Constraint Programming Approach	Yes	[317]	2010	CPAIOR 2010	15	13	20	494	902
LombardiM10 LombardiM10	M. Lombardi, M. Milano	Constraint Based Scheduling to Deal with Uncertain Durations and Self-Timed Execution	Yes	[487]	2010	CP 2010	15	1	11	567	903
MakMS10 MakMS10	K. Mak, J. Ma, W. Su	A constraint programming approach for production scheduling of multi-period virtual cellular manufacturing systems	Yes	[508]	2010	ICNC 2010	5	1	3	575	904
SchuttW10 SchuttW10	A. Schutt, A. Wolf	A New $O(n^2 \log n)$ Not-First/Not-Last Pruning Algorithm for Cumulative Resource Constraints	Yes	[665]	2010	CP 2010	15	13	14	628	905
SunLYL10 SunLYL10	Z. Sun, H. Li, M. Yao, N. Li	Scheduling Optimization Techniques for FlexRay Using Constraint-Programming	Yes	[690]	2010	GreenCom 2010	6	4	8	639	906
TanSD10 TanSD10	Y. Tan, S. Liu, D. Wang	A constraint programming-based branch and bound algorithm for job shop problems	No	[696]	2010	unknown 2010	null	1	11	No	907
Acuna-AgostMFG09 Acuna-AgostMFG09	R. Acuna-Agost, P. Michelon, D. Feillet, S. Gueye	Constraint Programming and Mixed Integer Linear Programming for Rescheduling Trains under Disrupted Operations	Yes	[7]	2009	CPAIOR 2009	2	3	2	357	908
AronssonBK09 AronssonBK09	M. Aronsson, M. Bohlin, P. Kreuger	MILP formulations of cumulative constraints for railway scheduling - A comparative study	Yes	[35]	2009	ATMOS 2009	13	0	0	368	909
Baptiste09 Baptiste09	P. Baptiste	Constraint-Based Schedulers, Do They Really Work?	Yes	[57]	2009	CP 2009	1	0	0	377	910

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GrimesHM09 GrimesHM09	D. Grimes, E. Hebrard, A. Malapert	Closing the Open Shop: Contradicting Conventional Wisdom	Yes	[320]	2009	CP 2009	9	15	12	496	911
Laborie09 Laborie09	P. Laborie	IBM ILOG CP Optimizer for Detailed Scheduling Illustrated on Three Problems	Yes	[451]	2009	CPAIOR 2009	15	53	2	548	912
LombardiM09 LombardiM09	M. Lombardi, M. Milano	A Precedence Constraint Posting Approach for the RCPSP with Time Lags and Variable Durations	Yes	[485]	2009	CP 2009	15	7	12	566	913
MonetteDH09 MonetteDH09	J. Monette, Y. Deville, Pascal Van Hentenryck	Just-In-Time Scheduling with Constraint Programming	Yes	[541]	2009	ICAPS 2009	8	9	0	584	914
RenT09 RenT09	H. Ren, L. Tang	An improved hybrid MILP/CP algorithm framework for the job-shop scheduling	No	[628]	2009	unknown 2009	null	2	12	No	915
RodriguezS09 RodriguezS09	J. Rodriguez, S. Sobieraj	A study of an incremental texture-based heuristic for the train routing and scheduling problem	Yes	[637]	2009	Railway Operations Modelling and Analysis 2009	14	0	0	619	916
SchuttFSW09 SchuttFSW09	A. Schutt, T. Feydy, Peter J. Stuckey, Mark G. Wallace	Why Cumulative Decomposition Is Not as Bad as It Sounds	Yes	[659]	2009	CP 2009	16	34	11	626	917
ThiruvadyBME09 ThiruvadyBME09	Dhananjay R. Thiruvady, C. Blum, B. Meyer, Andreas T. Ernst	Hybridizing Beam-ACO with Constraint Programming for Single Machine Job Scheduling	Yes	[709]	2009	HM 2009	15	13	12	649	918
Vilim09 Vilim09	P. Vilím	Edge Finding Filtering Algorithm for Discrete Cumulative Resources in $O(kn \log n)$	Yes	[743]	2009	CP 2009	15	25	4	667	919
Vilim09a Vilim09a	P. Vilím	Max Energy Filtering Algorithm for Discrete Cumulative Resources	Yes	[744]	2009	CPAIOR 2009	15	13	4	668	920
Wolf09 Wolf09	A. Wolf, G. Schrader	Linear Weighted-Task-Sum – Scheduling Prioritized Tasks on a Single Resource	Yes	[769]	2009	INAP 2009	17	1	12	680	921
AchterbergBKW08 AchterbergBKW08	T. Achterberg, T. Berthold, T. Koch, K. Wolter	Constraint Integer Programming: A New Approach to Integrate CP and MIP	Yes	[6]	2008	CPAIOR 2008	15	80	25	356	922
BarlattCG08 BarlattCG08	A. Barlatt, Amy Mainville Cohn, Oleg Yu. Gusikhin	A Hybrid Approach for Solving Shift-Selection and Task-Sequencing Problems	Yes	[65]	2008	CPAIOR 2008	5	1	9	380	923
BeldiceanuCP08 BeldiceanuCP08	N. Beldiceanu, M. Carlsson, E. Poder	New Filtering for the cumulative Constraint in the Context of Non-Overlapping Rectangles	Yes	[99]	2008	CPAIOR 2008	15	8	9	395	924
BeniniLMR08 BeniniLMR08	L. Benini, M. Lombardi, M. Mantovani, M. Milano, M. Ruggiero	Multi-stage Benders Decomposition for Optimizing Multicore Architectures	Yes	[109]	2008	CPAIOR 2008	15	12	13	401	925
BeniniLMR08 BeniniLMR08	L. Benini, M. Lombardi, M. Milano, M. Ruggiero	A Constraint Programming Approach for Allocation and Scheduling on the CELL Broadband Engine	Yes	[110]	2008	CP 2008	15	7	23	402	926
DoomsH08 DoomsH08	G. Dooms, Pascal Van Hentenryck	Gap Reduction Techniques for Online Stochastic Project Scheduling	Yes	[228]	2008	CPAIOR 2008	16	1	2	454	927
HentenryckM08 HentenryckM08	Pascal Van Hentenryck, L. Michel	The Steel Mill Slab Design Problem Revisited	Yes	[369]	2008	CPAIOR 2008	5	13	3	511	928
LauLN08 LauLN08	Hoong Chuin Lau, Kong Wei Lye, Viet Bang Nguyen	A Combinatorial Auction Framework for Solving Decentralized Scheduling Problems (Extended Abstract)	Yes	[460]	2008	CPAIOR 2008	5	0	4	552	929
MouraSCL08 MouraSCL08	Arnaldo Vieira Moura, Cid C. de Souza, André A. Ciré, Tony Minoru Tamura Lopes	Planning and Scheduling the Operation of a Very Large Oil Pipeline Network	Yes	[546]	2008	CP 2008	16	11	10	586	930
MouraSCL08a MouraSCL08a	Arnaldo Vieira Moura, Cid C. de Souza, André A. Ciré, Tony Minoru Tamura Lopes	Heuristics and Constraint Programming Hybridizations for a Real Pipeline Planning and Scheduling Problem	Yes	[545]	2008	CSE 2008	8	5	14	587	931
PoderB08 PoderB08	E. Poder, N. Beldiceanu	Filtering for a Continuous Multi-Resources cumulative Constraint with Resource Consumption and Production	Yes	[607]	2008	ICAPS 2008	8	0	0	606	932
SchausD08 SchausD08	P. Schaus, Y. Deville	A Global Constraint for Bin-Packing with Precedences: Application to the Assembly Line Balancing Problem	Yes	[650]	2008	AAAI 2008	6	0	0	622	933
WatsonB08 WatsonB08	J. Watson, J. Christopher Beck	A Hybrid Constraint Programming / Local Search Approach to the Job-Shop Scheduling Problem	Yes	[759]	2008	CPAIOR 2008	15	14	17	675	934

Table 2: Works from bibtex (Total 353)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
AkkerDH07 AkkerDH07	J. M. van den Akker, G. Diepen, J. A. Hoogeveen	A Column Generation Based Destructive Lower Bound for Resource Constrained Project Scheduling Problems	Yes	[733]	2007	CPAIOR 2007	15	2	8	358	935
BeldiceanuP07 BeldiceanuP07	N. Beldiceanu, E. Poder	A Continuous Multi-resources <i>cumulative</i> Constraint with Positive-Negative Resource Consumption-Production	Yes	[101]	2007	CPAIOR 2007	15	4	7	396	936
DavenportKRS07 DavenportKRS07	Andrew J. Davenport, J. Kalagnanam, C. Reddy, S. Siegel, J. Hou	An Application of Constraint Programming to Generating Detailed Operations Schedules for Steel Manufacturing	Yes	[205]	2007	CP 2007	13	1	2	446	937
GarganiR07 GarganiR07	A. Gargani, P. Refalo	An Efficient Model and Strategy for the Steel Mill Slab Design Problem	Yes	[281]	2007	CP 2007	13	17	5	475	938
HoeveGSL07 HoeveGSL07	Willem-Jan van Hoeve, Carla P. Gomes, B. Selman, M. Lombardi	Optimal Multi-Agent Scheduling with Constraint Programming	Yes	[736]	2007	AAAI 2007	6	0	0	515	939
KeriK07 KeriK07	A. Kéri, T. Kis	Computing Tight Time Windows for RCPSPWET with the Primal-Dual Method	Yes	[422]	2007	CPAIOR 2007	14	1	13	532	940
KovacsB07 KovacsB07	A. Kovács, J. Christopher Beck	A Global Constraint for Total Weighted Completion Time	Yes	[434]	2007	CPAIOR 2007	15	2	12	539	941
KrogtLPHJ07 KrogtLPHJ07	Roman van der Krogt, J. Little, K. Pulliam, S. Hanhilammi, Y. Jin	Scheduling for Cellular Manufacturing	Yes	[735]	2007	CP 2007	13	2	3	545	942
Limtanyakul07 Limtanyakul07	K. Limtanyakul	Scheduling of Tests on Vehicle Prototypes Using Constraint and Integer Programming	Yes	[474]	2007	GOR 2007	6	2	3	559	943
MonetteDD07 MonetteDD07	J. Monette, Y. Deville, P. Dupont	A Position-Based Propagator for the Open-Shop Problem	Yes	[540]	2007	CPAIOR 2007	14	0	12	583	944
Rodriguez07b Rodriguez07b	J. Rodriguez	A study of the use of state resources in a constraint-based model for routing and scheduling trains	Yes	[635]	2007	Railway Operations Modelling and Analysis 2007	14	0	0	618	945
RossiTHP07 RossiTHP07	R. Rossi, A. Tarim, B. Hnich, Steven D. Prestwich	Replenishment Planning for Stochastic Inventory Systems with Shortage Cost	Yes	[643]	2007	CPAIOR 2007	15	6	10	620	946
Beck06 Beck06	J. Christopher Beck	An Empirical Study of Multi-Point Constructive Search for Constraint-Based Scheduling	Yes	[78]	2006	ICAPS 2006	10	0	0	386	947
BeniniBGM06 BeniniBGM06	L. Benini, D. Bertozzi, A. Guerri, M. Milano	Allocation, Scheduling and Voltage Scaling on Energy Aware MPSoCs	Yes	[108]	2006	CPAIOR 2006	15	18	10	400	948
GomesHS06 GomesHS06	Carla P. Gomes, Willem-Jan van Hoeve, B. Selman	Constraint Programming for Distributed Planning and Scheduling	Yes	[313]	2006	AAAI 2006	2	0	0	493	949
KhemmoudjPB06 KhemmoudjPB06	Mohand Ou Idir Khemmoudj, M. Porcheron, H. Bennaceur	When Constraint Programming and Local Search Solve the Scheduling Problem of Electricité de France Nuclear Power Plant Outages	Yes	[424]	2006	CP 2006	13	8	8	533	950
KovacsV06 KovacsV06	A. Kovács, J. Váncza	Progressive Solutions: A Simple but Efficient Dominance Rule for Practical RCPSP	Yes	[440]	2006	CPAIOR 2006	13	2	7	543	951
LiuJ06 LiuJ06	Y. Liu, Y. Jiang	LP-TPOP: Integrating Planning and Scheduling Through Constraint Programming	Yes	[481]	2006	PRICAI 2006	5	0	0	562	952
QuSN06 QuSN06	Y. Qu, J. Soininen, J. Nurmi	Using Constraint Programming to Achieve Optimal Prefetch Scheduling for Dependent Tasks on Run-Time Reconfigurable Devices	Yes	[622]	2006	SoC 2006	4	2	5	612	953
Wallace06 Wallace06	Mark G. Wallace	Hybrid Algorithms in Constraint Programming	Yes	[753]	2006	CSCLP 2006	32	1	35	672	954
AbrilSB05 AbrilSB05	M. Abril, Miguel A. Salido, F. Barber	Distributed Constraints for Large-Scale Scheduling Problems	Yes	[4]	2005	CP 2005	1	0	0	355	955
ArtiouchineB05 ArtiouchineB05	K. Artiouchine, P. Baptiste	Inter-distance Constraint: An Extension of the All-Different Constraint for Scheduling Equal Length Jobs	Yes	[43]	2005	CP 2005	15	3	11	371	956
BeckW05 BeckW05	J. Christopher Beck, N. Wilson	Proactive Algorithms for Scheduling with Probabilistic Durations	Yes	[90]	2005	IJCAI 2005	6	0	0	391	957
BeniniBGM05 BeniniBGM05	L. Benini, D. Bertozzi, A. Guerri, M. Milano	Allocation and Scheduling for MPSoCs via Decomposition and No-Good Generation	Yes	[107]	2005	CP 2005	15	25	21	399	958

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CambazardJ05 CambazardJ05	H. Cambazard, N. Jussien	Integrating Benders Decomposition Within Constraint Programming	Yes	[161]	2005	CP 2005	5	6	8	426	959
CarchraeBF05 CarchraeBF05	T. Carchrae, J. Christopher Beck, Eugene C. Freuder	Methods to Learn Abstract Scheduling Models	Yes	[166]	2005	CP 2005	1	0	0	429	960
ChuX05 ChuX05	Y. Chu, Q. Xia	A Hybrid Algorithm for a Class of Resource Constrained Scheduling Problems	Yes	[185]	2005	CPAIOR 2005	15	13	13	437	961
DilkinaDH05 DilkinaDH05	B. Dilkina, L. Duan, William S. Havens	Extending Systematic Local Search for Job Shop Scheduling Problems	Yes	[223]	2005	CP 2005	5	2	7	452	962
FortinZDF05 FortinZDF05	J. Fortin, P. Zielinski, D. Dubois, H. Fargier	Interval Analysis in Scheduling	Yes	[268]	2005	CP 2005	15	13	11	465	963
FrankK05 FrankK05	J. Frank, E. Kürklü	Mixed Discrete and Continuous Algorithms for Scheduling Airborne Astronomy Observations	Yes	[273]	2005	CPAIOR 2005	18	4	4	470	964
Geske05 Geske05	U. Geske	Railway Scheduling with Declarative Constraint Programming	Yes	[298]	2005	INAP 2005	18	2	3	485	965
GodardLN05 GodardLN05	D. Godard, P. Laborie, W. Nuijten	Randomized Large Neighborhood Search for Cumulative Scheduling	Yes	[302]	2005	ICAPS 2005	9	0	0	488	966
HebrardTW05 HebrardTW05	E. Hebrard, P. Tyler, T. Walsh	Computing Super-Schedules	Yes	[355]	2005	CP 2005	1	0	3	505	967
Hooker05a Hooker05a	John N. Hooker	Planning and Scheduling to Minimize Tardiness	Yes	[382]	2005	CP 2005	14	30	10	517	968
Hooker05b Hooker05b	John N. Hooker	A Search-Infer-and-Relax Framework for Integrating Solution Methods	Yes	[383]	2005	CPAIOR 2005	15	7	19	518	969
KovacsEKV05 KovacsEKV05	A. Kovács, P. Egri, T. Kis, J. Váncza	Proterv-II: An Integrated Production Planning and Scheduling System	Yes	[437]	2005	CP 2005	1	2	3	540	970
MoffittPP05 MoffittPP05	Michael D. Moffitt, B. Peintner, Martha E. Pollack	Augmenting Disjunctive Temporal Problems with Finite-Domain Constraints	Yes	[538]	2005	AAAI 2005	6	0	0	582	971
QuirogaZH05 QuirogaZH05	O. Quiroga, L. Zeballos, Gabriela P. Henning	A Constraint Programming Approach to Tool Allocation and Resource Scheduling in FMS	Yes	[623]	2005	ICRA 2005	6	2	7	613	972
SchuttWS05 SchuttWS05	A. Schutt, A. Wolf, G. Schrader	Not-First and Not-Last Detection for Cumulative Scheduling in $O(n^3 \log n)$	Yes	[666]	2005	INAP 2005	15	6	4	629	973
Vilim05 Vilim05	P. Vilím	Computing Explanations for the Unary Resource Constraint	Yes	[742]	2005	CPAIOR 2005	14	5	8	666	974
Wolf05 Wolf05	A. Wolf	Better Propagation for Non-preemptive Single-Resource Constraint Problems	Yes	[765]	2005	CSCLP 2005	15	4	8	679	975
Wolfs05 Wolfs05	A. Wolf, G. Schrader	$O(n \log n)$ Overload Checking for the Cumulative Constraint and Its Application	Yes	[768]	2005	INAP 2005	14	6	6	682	976
WuBB05 WuBB05	Christine Wei Wu, Kenneth N. Brown, J. Christopher Beck	Scheduling with Uncertain Start Dates	Yes	[771]	2005	CP 2005	1	0	0	684	977
ArtiguesBF04 ArtiguesBF04	C. Artigues, S. Belmokhtar, D. Feillet	A New Exact Solution Algorithm for the Job Shop Problem with Sequence-Dependent Setup Times	Yes	[36]	2004	CPAIOR 2004	13	16	9	369	978
BeckW04 BeckW04	J. Christopher Beck, N. Wilson	Job Shop Scheduling with Probabilistic Durations	Yes	[89]	2004	ECAI 2004	5	0	0	390	979
CambazardHDJT04 CambazardHDJT04	H. Cambazard, P. Hladik, A. Déplanche, N. Jussien, Y. Trinquet	Decomposition and Learning for a Hard Real Time Task Allocation Problem	Yes	[160]	2004	CP 2004	15	33	13	425	980
HentenryckM04 HentenryckM04	Pascal Van Hentenryck, L. Michel	Scheduling Abstractions for Local Search	Yes	[368]	2004	CPAIOR 2004	16	12	14	510	981
Hooker04 Hooker04	John N. Hooker	A Hybrid Method for Planning and Scheduling	Yes	[380]	2004	CP 2004	12	39	9	516	982
KovacsV04 KovacsV04	A. Kovács, J. Váncza	Completable Partial Solutions in Constraint Programming and Constraint-Based Scheduling	Yes	[439]	2004	CP 2004	15	3	12	542	983
LimRX04 LimRX04	A. Lim, B. Rodrigues, Z. Xu	Solving the Crane Scheduling Problem Using Intelligent Search Schemes	Yes	[471]	2004	CP 2004	5	5	6	558	984
MaraveliasG04 MaraveliasG04	Christos T. Maravelias, Ignacio E. Grossmann	Using MILP and CP for the Scheduling of Batch Chemical Processes	Yes	[516]	2004	CPAIOR 2004	20	15	15	578	985
PerronSF04 PerronSF04	L. Perron, P. Shaw, V. Furnon	Propagation Guided Large Neighborhood Search	Yes	[601]	2004	CP 2004	14	34	8	604	986
Sadykov04 Sadykov04	R. Sadykov	A Hybrid Branch-And-Cut Algorithm for the One-Machine Scheduling Problem	Yes	[647]	2004	CPAIOR 2004	7	11	7	621	987

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Vilim04 Vilim04	P. Vilím	O(n log n) Filtering Algorithms for Unary Resource Constraint	Yes	[741]	2004	CPAIOR 2004	13	22	5	665	988
VilimBC04 VilimBC04	P. Vilím, R. Barták, O. Cepek	Unary Resource Constraint with Optional Activities	Yes	[746]	2004	CP 2004	15	13	4	670	989
VillaverdeP04 VillaverdeP04	K. Villaverde, E. Pontelli	An Investigation of Scheduling in Distributed Constraint Logic Programming	No	[749]	2004	ISCA 2004	6	0	0	No	990
WolinskiKG04 WolinskiKG04	C. Wolinski, K. Kuchcinski, Maya B. Gokhale	A Constraints Programming Approach to Communication Scheduling on SoPC Architectures	Yes	[770]	2004	DSD 2004	8	0	9	683	991
BeckPS03 BeckPS03	J. Christopher Beck, P. Prosser, E. Selensky	Vehicle Routing and Job Shop Scheduling: What's the Difference?	Yes	[87]	2003	ICAPS 2003	10	0	0	389	992
BourdaisGP03 BourdaisGP03	S. Bourdais, P. Galinier, G. Pesant	HIBISCUS: A Constraint Programming Application to Staff Scheduling in Health Care	Yes	[145]	2003	CP 2003	15	29	5	421	993
DannaP03 DannaP03	E. Danna, L. Perron	Structured vs. Unstructured Large Neighborhood Search: A Case Study on Job-Shop Scheduling Problems with Earliness and Tardiness Costs	Yes	[201]	2003	CP 2003	5	21	3	444	994
FrankK03 FrankK03	J. Frank, E. Kürklü	SOFIA's Choice: Scheduling Observations for an Airborne Observatory	Yes	[272]	2003	ICAPS 2003	10	0	0	469	995
Kumar03 Kumar03	T. K. Satish Kumar	Incremental Computation of Resource-Envelopes in Producer-Consumer Models	Yes	[448]	2003	CP 2003	15	4	2	547	996
OddiPCC03 OddiPCC03	A. Oddi, N. Policella, A. Cesta, G. Cortellessa	Generating High Quality Schedules for a Spacecraft Memory Downlink Problem	Yes	[580]	2003	CP 2003	15	8	6	596	997
ValleMGT03 ValleMGT03	Carmelo Del Valle, Antonio A. Márquez, Rafael M. Gasca, M. Toro	On Selecting and Scheduling Assembly Plans Using Constraint Programming	Yes	[732]	2003	KES 2003	8	7	7	660	998
Vilim03 Vilim03	P. Vilím	Computing Explanations for Global Scheduling Constraints	Yes	[740]	2003	CP 2003	1	1	1	664	999
Wolf03 Wolf03	A. Wolf	Pruning while Sweeping over Task Intervals	Yes	[764]	2003	CP 2003	15	11	7	678	1000
Bartak02 Bartak02	R. Barták	Visopt ShopFloor: On the Edge of Planning and Scheduling	Yes	[67]	2002	CP 2002	16	6	4	381	1001
Bartak02a Bartak02a	R. Barták	Visopt ShopFloor: Going Beyond Traditional Scheduling	Yes	[66]	2002	ERCIM/CologNet 2002	15	1	9	382	1002
BeldiceanuC02 BeldiceanuC02	N. Beldiceanu, M. Carlsson	A New Multi-resource cumulatives Constraint with Negative Heights	Yes	[97]	2002	CP 2002	17	33	9	394	1003
BenoistGR02 BenoistGR02	T. Benoist, E. Gaudin, B. Rottembourg	Constraint Programming Contribution to Benders Decomposition: A Case Study	Yes	[112]	2002	CP 2002	15	13	11	403	1004
ElkhyariGJ02 ElkhyariGJ02	A. Elkhyari, C. Guéret, N. Jussien	Conflict-Based Repair Techniques for Solving Dynamic Scheduling Problems	Yes	[241]	2002	CP 2002	6	1	6	458	1005
ElkhyariGJ02a ElkhyariGJ02a	A. Elkhyari, C. Guéret, N. Jussien	Solving Dynamic Resource Constraint Project Scheduling Problems Using New Constraint Programming Tools	Yes	[242]	2002	PATAT 2002	24	9	20	459	1006
HookerY02 HookerY02	John N. Hooker, H. Yan	A Relaxation of the Cumulative Constraint	Yes	[392]	2002	CP 2002	5	8	7	520	1007
KamarainenS02 KamarainenS02	O. Kamarainen, Hani El Sakkout	Local Probing Applied to Scheduling	Yes	[411]	2002	CP 2002	17	9	13	527	1008
Muscettola02 Muscettola02	N. Muscettola	Computing the Envelope for Stepwise-Constant Resource Allocations	Yes	[550]	2002	CP 2002	16	14	4	590	1009
Vilim02 Vilim02	P. Vilím	Batch Processing with Sequence Dependent Setup Times	Yes	[739]	2002	CP 2002	1	6	1	663	1010
ZhuS02 ZhuS02	Kenny Qili Zhu, Andrew E. Santosa	A Meeting Scheduling System Based on Open Constraint Programming	Yes	[798]	2002	CAiSE 2002	5	0	5	694	1011
BeldiceanuC01 BeldiceanuC01	N. Beldiceanu, M. Carlsson	Sweep as a Generic Pruning Technique Applied to the Non-overlapping Rectangles Constraint	Yes	[96]	2001	CP 2001	15	34	0	393	1012
EreminW01 EreminW01	A. Eremin, Mark G. Wallace	Hybrid Benders Decomposition Algorithms in Constraint Logic Programming	Yes	[245]	2001	CP 2001	15	27	7	460	1013
Thorsteinsson01 Thorsteinsson01	Erlendur S. Thorsteinsson	Branch-and-Check: A Hybrid Framework Integrating Mixed Integer Programming and Constraint Logic Programming	Yes	[712]	2001	CP 2001	15	67	12	651	1014

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VanczaM01 VanczaM01	J. Vancza, A. Márkus	A Constraint Engine for Manufacturing Process Planning	Yes	[737]	2001	CP 2001	15	2	19	661	1015
VerfaillieL01 VerfaillieL01	G. Verfaillie, M. Lemaître	Selecting and Scheduling Observations for Agile Satellites: Some Lessons from the Constraint Reasoning Community Point of View	Yes	[738]	2001	CP 2001	15	11	6	662	1016
AngelsmarkJ00 AngelsmarkJ00	O. Angelsmark, P. Jonsson	Some Observations on Durations, Scheduling and Allen's Algebra	Yes	[22]	2000	CP 2000	5	1	9	361	1017
FocacciLN00 FocacciLN00	F. Focacci, P. Laborie, W. Nuijten	Solving Scheduling Problems with Setup Times and Alternative Resources	Yes	[264]	2000	AIPS 2000	10	0	0	463	1018
Refalo00 Refalo00	P. Refalo	Linear Formulation of Constraint Programming Models and Hybrid Solvers	Yes	[627]	2000	CP 2000	15	35	11	614	1019
DorndorfPH99 DorndorfPH99	U. Dorndorf, E. Pesch, Toàn Phan Huy	Recent Developments in Scheduling	No	[230]	1999	Operations Research Proceedings 1999	null	0	34	No	1020
KorbaaYG99 KorbaaYG99	O. Korbaa, P. Yim, J. Gentina	Solving transient scheduling problem for cyclic production using timed Petri nets and constraint programming	Yes	[431]	1999	ECC 1999	8	1	0	537	1021
Simonis99 Simonis99	H. Simonis	Building Industrial Applications with Constraint Programming	Yes	[679]	1999	CCL'99 1999	39	5	18	635	1022
CestaOS98 CestaOS98	A. Cesta, A. Oddi, Stephen F. Smith	Scheduling Multi-capacitated Resources Under Complex Temporal Constraints	Yes	[181]	1998	CP 1998	1	5	0	434	1023
FrostD98 FrostD98	D. Frost, R. Dechter	Optimizing with Constraints: A Case Study in Scheduling Maintenance of Electric Power Units	Yes	[278]	1998	CP 1998	1	10	2	473	1024
GruianK98 GruianK98	F. Gruian, K. Kuchcinski	Operation Binding and Scheduling for Low Power Using Constraint Logic Programming	Yes	[326]	1998	EUROMICRO 1998	8	5	10	499	1025
PembertonG98 PembertonG98	Joseph C. Pemberton, Flavius Galiber III	A constraint-based approach to satellite scheduling	Yes	[597]	1998	DIMACS 1998	14	26	0	602	1026
RodosekW98 RodosekW98	R. Rodosek, Mark G. Wallace	A Generic Model and Hybrid Algorithm for Hoist Scheduling Problems	Yes	[632]	1998	CP 1998	15	19	10	617	1027
BaptisteP97 BaptisteP97	P. Baptiste, Claude Le Pape	Constraint Propagation and Decomposition Techniques for Highly Disjunctive and Highly Cumulative Project Scheduling Problems	Yes	[61]	1997	CP 1997	15	8	10	379	1028
BeckDF97 BeckDF97	J. Christopher Beck, Andrew J. Davenport, Mark S. Fox	Five Pitfalls of Empirical Scheduling Research	Yes	[82]	1997	CP 1997	15	3	12	388	1029
BoucherBVBL97 BoucherBVBL97	E. Boucher, A. Bachelu, C. Varnier, P. Baptiste, B. Legeard	Multi-criteria Comparison Between Algorithmic, Constraint Logic and Specific Constraint Programming on a Real Scheduling Problem	No	[143]	1997	PACT 1997	18	0	0	No	1030
Caseau97 Caseau97	Y. Caseau	Using Constraint Propagation for Complex Scheduling Problems: Managing Size, Complex Resources and Travel	Yes	[173]	1997	CP 1997	4	0	0	430	1031
PapeB97 PapeB97	Claude Le Pape, P. Baptiste	A Constraint Programming Library for Preemptive and Non-Preemptive Scheduling	No	[594]	1997	PACT 1997	20	0	0	No	1032
BrusoniCLMMT96 BrusoniCLMMT96	V. Brusoni, L. Console, E. Lamma, P. Mello, M. Milano, P. Terenziani	Resource-Based vs. Task-Based Approaches for Scheduling Problems	Yes	[154]	1996	ISMIS 1996	10	1	9	423	1033
Colombani96 Colombani96	Y. Colombani	Constraint Programming: an Efficient and Practical Approach to Solving the Job-Shop Problem	Yes	[195]	1996	CP 1996	15	4	5	443	1034
Zhou96 Zhou96	J. Zhou	A Constraint Program for Solving the Job-Shop Problem	Yes	[795]	1996	CP 1996	15	10	7	692	1035
Goltz95 Goltz95	H. Goltz	Reducing Domains for Search in CLP(FD) and Its Application to Job-Shop Scheduling	Yes	[311]	1995	CP 1995	14	7	7	492	1036
Puget95 Puget95	J. Puget	Applications of Constraint Programming	Yes	[618]	1995	CP 1995	4	6	2	611	1037
Simonis95 Simonis95	H. Simonis	The CHIP System and Its Applications	Yes	[678]	1995	CP 1995	4	7	3	633	1038
Simonis95a Simonis95a	H. Simonis	Application Development with the CHIP System	Yes	[677]	1995	CONTESSA 1995	21	1	12	634	1039
SimonisC95 SimonisC95	H. Simonis, T. Cornelienssens	Modelling Producer/Consumer Constraints	Yes	[682]	1995	CP 1995	14	17	8	636	1040

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Touraivane95 Touraivane95	Touraivane	Constraint Programming and Industrial Applications	Yes	[718]	1995	CP 1995	3	2	1	654	1041
JourdanFRD94 JourdanFRD94	J. Jourdan, F. Fages, D. Rozzonelli, A. Demeure	Data Alignment and Task Scheduling On Parallel Machines Using Concurrent Constraint Model-based Programming	No	[404]	1994	ILPS 1994	1	0	0	No	1042
NuijtenA94 NuijtenA94	W. Nuijten, E. Aarts	Constraint Satisfaction for Multiple Capacitated Job Shop Scheduling	Yes	[576]	1994	ECAI 1994	5	0	0	595	1043
Wallace94 Wallace94	Mark G. Wallace	Applying Constraints for Scheduling	No	[751]	1994	Constraint Programming 1994	19	0	0	No	1044
BaptisteLV92 BaptisteLV92	P. Baptiste, B. Legeard, C. Varnier	Hoist scheduling problem: an approach based on constraint logic programming	Yes	[64]	1992	ICRA 1992	6	13	6	378	1045
DincbasS91 DincbasS91	M. Dincbas, H. Simonis	Apache-a constraint based, automated stand allocation system	Yes	[225]	1991	ASTAIR 1991	13	0	0	453	1046
ErtlK91 ErtlK91	M. Anton Ertl, A. Krall	Optimal Instruction Scheduling using Constraint Logic Programming	Yes	[246]	1991	PLILP 1991	12	14	14	461	1047
FoxS90 FoxS90	Mark S. Fox, Norman M. Sadeh	Why is Scheduling Difficult? A CSP Perspective	Yes	[270]	1990	ECAI 1990	14	0	0	467	1048
FoxAS82 FoxAS82	Mark S. Fox, Bradley P. Allen, G. Strohm	Job-Shop Scheduling: An Investigation in Constraint-Directed Reasoning	Yes	[269]	1982	AAAI 1982	4	0	0	466	1049

2.2 Extracted Concepts

Table 3: Automatically Extracted PAPER Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
AalianPG23 [1]	16	scheduling, preempt, preemptive, transportation, machine, make-span, activity, flow-shop, order, resource		cycle, noOverlap, endBeforeStart, alwaysIn, cumulative		CPO, Cplex	steel cable	mining industry	real-world	large neighborhood search, genetic algorithm	2	698
AbrilSB05 [4]	1	distributed, multi-agent, scheduling, order					railway				259	955
AchterbergBKW08 [6]	15	task, machine, order, scheduling		circuit		Cplex, OPL, SCIP	semiconductor		benchmark	GRASP	226	922
Acuna-AgostMFG09 [7]	2	re-scheduling, order, scheduling, transportation					railway		Roadef		212	908
AkkerDH07 [733]	15	unavailability, due-date, cmax, machine, job, lateness, sequence dependent setup, preempt, resource, no-wait, planned maintenance, scheduling, precedence, order, make-span, completion-time, release-date, preemptive	parallel machine, Resource-constrained Project Scheduling Problem, RCPSP, single machine	cumulative		Cplex				column generation, simulated annealing	239	935
AlesioNBG14 [222]	18	preempt, preemptive, periodic, scheduling, completion-time, resource, task, job-shop, distributed, make-span, open-shop, order, job, activity		alldifferent		OPL, Cplex	automotive		benchmark	meta heuristic, genetic algorithm	141	837
AmadiniGM16 [21]	7	make-span, scheduling, resource, task, distributed, precedence	RCPSP, Resource-constrained Project Scheduling Problem	cumulative		MiniZinc, Choco Solver, Gurobi, Gecode, OR-Tools			benchmark, real-life, github	lazy clause generation	102	798
AngelsmarkJ00 [22]	5	resource, job, order, scheduling, task, job-shop									321	1017
AntunesABD18 [23]	8	earliness, scheduling, machine, periodic, order, lateness, Logic-Based Benders Decomposition, activity, due-date, stochastic, re-scheduling, task, Benders Decomposition		bin-packing, BinPacking constraint		Cplex	workforce scheduling, maintenance scheduling	electricity industry	real-world, industry partner, industrial partner	meta heuristic, column generation, large neighborhood search, genetic algorithm	72	768

Table 3: Automatically Extracted PAPER Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
AntuoriHHEN20 [25]	16	stochastic, due-date, task, job-shop, precedence, Pareto, release-date, resource, periodic, job, order, completion-time, tardiness, scheduling, machine		alldifferent, circuit, Element constraint, cycle, Channeling constraint		Choco Solver	torpedo		random instance, generated instance, gitlab, benchmark, industrial instance	machine learning, neural network, reinforcement learning, large neighborhood search	45	741
AntuoriHHEN21 [26]	16	transportation, stochastic, due-date, task, job-shop, precedence, release-date, resource, job, order, tardiness, scheduling, machine		cycle	C++, Java	Choco Solver, Gecode	automotive, car manufacturing, drone	automotive industry	gitlab, supplementary material	deep learning, machine learning, neural network, reinforcement learning, GRASP, large neighborhood search	33	729
ArbaouiY18 [29]	10	order, sequence dependent setup, unavailability, resource, job, scheduling, setup-time, machine, make-span, no-wait, completion-time, cmax	single machine, parallel machine	Pulse constraint, alternative constraint, noOverlap, cumulative	C++	Cplex			benchmark	mat heuristic, genetic algorithm, meta heuristic	73	769
ArmstrongGOS21 [32]	18	machine, flow-shop, job-shop, job, order, sequence dependent setup, preemptive, multi-objective, cmax, transportation, scheduling, make-span, completion-time, preempt, resource, setup-time, precedence, task	HFF, HFFTT, HFS	cycle, alternative constraint, table constraint, circuit, diffn, bin-packing, cumulative	Java, Prolog	Gecode, CHIP, MiniZinc, CPO, Chuffed, SICStus, Cplex	robot	packaging industry	instance generator, industry partner, zenodo, supplementary material, real-world, industrial partner, benchmark	energetic reasoning, ant colony, meta heuristic, memetic algorithm, genetic algorithm	34	730
ArmstrongGOS22 [33]	13	machine, flow-shop, job, re-scheduling, order, cmax, no-wait, transportation, scheduling, make-span, completion-time, resource, task	HFF, parallel machine, HFFTT, HFS	noOverlap, cumulative	Prolog	OPL, SICStus			real-world, benchmark	IGT, GRASP, NEH, meta heuristic, mat heuristic	17	713
AronssonBK09 [35]	13	job-shop, transportation, order, job, task		cumulative	Prolog	CHIP, Cplex	railway		real-world, real-life	sweep	213	909
ArtiguesBF04 [36]	13	batch process, cmax, resource, completion-time, one-machine scheduling, scheduling, machine, job, preemptive, make-span, release-date, precedence, sequence dependent setup, job-shop, setup-time, preempt, order		Disjunctive constraint, disjunctive	C++	Ilog Solver, Ilog Scheduler			benchmark	edge-finding, meta heuristic, Lagrangian relaxation	282	978

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
ArtiguesHQT21 [39]	8	order, preemptive, resource, preempt, scheduling, release-date, machine, job	Resource-constrained Project Scheduling Problem, RCPSP	cumulative		Cplex	evacuation, wildfire				35	731
ArtiouchineB05 [43]	15	release-date, completion-time, job, resource, activity, open-shop, machine, preemptive, job-shop, re-scheduling, scheduling, order, make-span, preempt, precedence	parallel machine, single machine	Disjunctive constraint, cumulative, disjunctive		Ilog Scheduler	aircraft		generated instance, random instance	not-last, edge-finding, not-first	260	956
Astrand0F21 [45]	18	open-shop, task, precedence, make-span, order, job, activity, scheduling, resource, machine, job-shop	Partial Order Schedule	cycle, disjunctive, Disjunctive constraint		Gecode	farming, forestry, agriculture, drone, robot, satellite	potash industry, mining industry, mineral industry	benchmark, real-life, real-world, generated instance	large neighborhood search, genetic algorithm	36	732
AstrandJZ18 [46]	9	task, multi-objective, make-span, order, activity, scheduling, resource, machine, periodic	single machine	disjunctive, cumulative, cycle		Gecode	hoist, robot	potash industry		time-tabling	74	770
BadicaBIL19 [50]	11	completion-time, resource, distributed, order, activity, machine, multi-agent, make-span, scheduling		cycle, Arithmetic constraint		ECLiPSe, Gecode	business process		github		57	753
BajestaniB11 [51]	8	re-scheduling, Benders Decomposition, scheduling, machine, stochastic, transportation, breakdown, order, tardiness, make-span, Logic-Based Benders Decomposition, resource, periodic, single-machine scheduling, inventory, due-date, job	JSSP, single machine	cycle, Cardinality constraint, cumulative, circuit		Ilog Solver, Cplex	railway, maintenance scheduling, aircraft				185	881
Balduccini11 [54]	13	resource, scheduling, job, re-scheduling, precedence, order, tardiness		cumulative, disjunctive		CHIP			benchmark		186	882
Baptiste09 [57]	1	scheduling									214	910
BaptisteLV92 [64]	6										349	1045
BaptisteP97 [61]	15	resource, preempt, preemptive, job-shop, scheduling, re-scheduling, due-date, task, precedence, release-date, flow-shop, make-span, order, job, activity	Resource-constrained Project Scheduling Problem, RCPSP	Disjunctive constraint, disjunctive, cumulative	C++	Claire, CHIP			benchmark	edge-finding, edge-finder	332	1028
BarlattCG08 [65]	5	scheduling, resource, setup-time, task, job-shop, transportation, job, machine, flow-shop					automotive, pipeline		real-world		227	923
Bartak02 [67]	16	make-span, machine, job, activity, resource, lateness, job-shop, precedence, earliness, scheduling, continuous-process, task, order		cumulative, disjunctive, Disjunctive constraint	Prolog	SICStus	dairies		real-life	edge-finding, time-tabling	305	1001

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
Bartak02a [66]	15	activity, earliness, scheduling, make-span, task, machine, job, re-scheduling, job-shop, resource, precedence, order, tardiness		Disjunctive constraint, cumulative, disjunctive		Ilog Scheduler	dairies		benchmark, real-life	time-tabling, edge-finding	306	1002
BartakV15 [72]	12	scheduling, make-span, reactive scheduling, machine, job, lateness, re-scheduling, job-shop, resource, precedence, order, activity, setup-time, breakdown							real-world, real-life	sweep	122	818
BartoliniBBLM14 [73]	16	tardiness, make-span, scheduling, resource, task, job, activity, machine		alternative constraint, cumulative			high performance computing, super-computer			large neighborhood search	142	838
BarzegaranZP20 [76]	9	resource, re-scheduling, distributed, machine, scheduling, order, task			Java	OR-Tools	automotive, robot			meta heuristic	46	742
Beck06 [78]	10	due-date, order, scheduling, machine, job-shop, tardiness, flow-shop, make-span, resource, job				Ilog Scheduler			benchmark	machine learning, meta heuristic	251	947
Beck10 [80]	15	due-date, Benders Decomposition, order, scheduling, machine, single-machine scheduling, release-date, activity, make-span, Logic-Based Benders Decomposition, resource, job	single machine	cumulative, bin-packing		Ilog Solver, Cplex					202	898
BeckDF97 [82]	15	activity, release-date, make-span, resource, inventory, job-shop, precedence, due-date, re-scheduling, order, scheduling, machine, job, task	single machine	cycle, cumulative			robot		benchmark, real-world	edge-finding	333	1029
BeckPS03 [87]	10	job, task, activity, release-date, make-span, transportation, earliness, flow-time, resource, job-shop, precedence, due-date, re-scheduling, order, tardiness, scheduling, stochastic, completion-time, machine, setup-time	RCPSP			Ilog Scheduler	robot		benchmark, real-world	meta heuristic	296	992
BeckW04 [89]	5	job-shop, machine, activity, distributed, one-machine scheduling, flow-shop, resource, job, stochastic, order, make-span, scheduling	single machine			Ilog Scheduler				genetic algorithm, edge-finding, time-tabling	283	979
BeckW05 [90]	6	job-shop, activity, flow-shop, resource, job, stochastic, order, make-span, scheduling		Balance constraint		Ilog Scheduler				edge-finder	261	957

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
BehrensLM19 [94]	7	order, resource, machine, scheduling, setup-time, task, distributed, multi-agent, make-span			Python	OR-Tools, MiniZinc	robot		github, real-world		58	754
BeldiceanuC01 [96]	15	distributed, job-shop, resource, job, order, scheduling		cumulative, alldifferent	Prolog	CHIP, SIC-Stus			benchmark	sweep	316	1012
BeldiceanuC02 [97]	17	task, resource, activity, order, producer/consumer, scheduling, machine	single machine	Cumulatives constraint, cumulative	Prolog	CHIP, SIC-Stus	crew-scheduling		real-life, random instance, benchmark	sweep	307	1003
BeldiceanuCP08 [99]	15	scheduling, order, resource, task		disjunctive, geost, cumulative	Prolog	CHIP, SIC-Stus, OPL	rectangle-packing, perfect-square		benchmark	edge-finding, sweep	228	924
BeldiceanuP07 [101]	15	preempt, task, preemptive, resource, order, scheduling, release-date, due-date		disjunctive, cumulative						sweep	240	936
BenderWS21 [103]	16	activity, order, resource, scheduling, preempt, task, machine, make-span, job, distributed, setup-time, preemptive	RCPSP	noOverlap	Python		agriculture			meta heuristic	37	733
BenediktSMVH18 [106]	10	single-machine scheduling, multi-objective, job-shop, scheduling, order, preempt, resource, job, machine	single machine, parallel machine	noOverlap		Gurobi	energy-price		github, random instance, generated instance	machine learning, column generation	75	771
BeniniBGM05 [107]	15	Benders Decomposition, due-date, Logic-Based Benders Decomposition, task, distributed, precedence, make-span, order, job, activity, machine, tardiness, periodic, scheduling, completion-time, resource	parallel machine	cycle, circuit, cumulative		ECLiPSe, Cplex	automotive, pipeline			genetic algorithm, simulated annealing	262	958
BeniniBGM06 [108]	15	Benders Decomposition, Logic-Based Benders Decomposition, task, distributed, precedence, make-span, order, activity, tardiness, scheduling, resource, setup-time		cycle, cumulative		ECLiPSe, Cplex, Ilog Solver	automotive, pipeline		real-life	column generation	252	948
BeniniLMMR08 [109]	15	tardiness, make-span, release-date, precedence, Logic-Based Benders Decomposition, resource, activity, task, Benders Decomposition, scheduling, machine, stochastic, breakdown, order	SCC, single machine	circuit		Ilog Scheduler, Cplex				column generation	229	925

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
BeniniLMR08 [110]	15	resource, Benders Decomposition, Logic-Based Benders Decomposition, task, distributed, precedence, make-span, order, activity, machine, preempt, release-date, tardiness, preemptive, periodic, scheduling	SCC	circuit		Ilog Scheduler, Cplex	medical, pipeline		benchmark	simulated annealing	230	926
BenoistGR02 [112]	15	activity, machine, multi-objective, scheduling, resource, Benders Decomposition, Logic-Based Benders Decomposition, stochastic, transportation, order				Claire, CHIP, Choco Solver	workforce scheduling		benchmark, real-life	time-tabling	308	1004
BertholdHLMS10 [114]	5	scheduling, order, preempt, precedence, completion-time, job, resource	psplib, RCPSP	disjunctive, cumulative		Cplex, SCIP, Z3					203	899
BessiereHMQW14 [115]	16	scheduling, order, resource, setup-time, task, machine, job		BufferedResource, cycle, Cardinality constraint, alldifferent, Element constraint		Choco Solver	satellite	textile industry	benchmark, real-life		143	839
BillautHL12 [117]	15	tardiness, job-shop, setup-time, due-date, open-shop, stochastic, precedence, release-date, flow-shop, multi-objective, reactive scheduling, make-span, order, job, scheduling, completion-time, resource, machine, cmax	single machine	cycle		Cplex, Mistral			random instance		171	867
Bit-Monnot23 [118]	8	distributed, job, open-shop, task, precedence, scheduling, machine, order, make-span, job-shop, resource, activity	OSP, Partial Order Schedule, Open Shop Scheduling Problem	Disjunctive constraint, cycle, cumulative, disjunctive		OR-Tools, CPO, MiniZinc, Mistral			benchmark, real-world, github	particle swarm, large neighborhood search, genetic algorithm, lazy clause generation	3	699
BofillCSV17 [127]	9	precedence, make-span, order, activity, machine, preempt, cmax, preemptive, scheduling, resource	Resource-constrained Project Scheduling Problem, RCPSP, psplib	cumulative		Z3, SCIP			benchmark	energetic reasoning, lazy clause generation	89	785
BofillEGPSV14 [128]	16	machine, order, scheduling, task		Channeling constraint		Cplex, Gecode, MiniZinc, SCIP	meeting scheduling	industrial instance	in-	time-tabling, lazy clause generation	144	840
BofillGSV15 [129]	9	machine, scheduling, order		Channeling constraint, Cardinality constraint		Cplex	meeting scheduling, high school timetabling	industrial instance	in-	time-tabling	123	819

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
BogaerdtW19 [734]	16	scheduling, completion-time, setup-time, job-shop, single-machine scheduling, precedence, order, job, machine, tardiness	single machine, parallel machine	noOverlap	C	OPL, Cplex	railway		benchmark		59	755
BonfiettiLBM11 [131]	15	scheduling, order, make-span, precedence, task, cyclic scheduling, job, resource, activity, periodic, machine, job-shop	RCPSP	cumulative, cycle		Ilog Solver	hoist, robot		benchmark, generated instance, industrial instance		187	883
BonfiettiLBM12 [132]	16	scheduling, order, make-span, precedence, cyclic scheduling, job, resource, activity, periodic, distributed, machine, job-shop	RCPSP	cumulative, cycle		Ilog Solver	hoist, robot		benchmark	time-tabling	172	868
BonfiettiLM13 [134]	5	scheduling, cyclic scheduling, make-span, job-shop, precedence, resource, activity, periodic, job, order	Resource-constrained Project Scheduling Problem, RCPSP	cycle, cumulative		Cplex					156	852
BonfiettiLM14 [135]	16	scheduling, reactive scheduling, machine, open-shop, stochastic, distributed, make-span, task, job-shop, precedence, resource, activity, job, order	Partial Order Schedule, RCPSP, psplib	cumulative					benchmark, real-world	large neighborhood search	145	841
BonfiettiM12 [136]	3	job, task, cyclic scheduling, scheduling, machine, precedence, job-shop, resource, activity, periodic	RCPSP	cumulative			hoist		industrial instance		173	869
BonfiettiZLM16 [137]	17	resource, activity, periodic, scheduling, order, make-span, precedence, cyclic scheduling	RCPSP	cumulative, cycle, disjunctive		OR-Tools	automotive	automotive industry, control system industry	generated instance, github, industrial instance, benchmark, real-world	sweep, edge-finder	103	799
BonninMNE24 [138]	12	open-shop, order, job, activity, flow-time, machine, preempt, precedence, release-date, flow-shop, make-span, preemptive, scheduling, completion-time, resource, task, job-shop, single-machine scheduling	single machine	noOverlap, Flowtime constraint, Completion constraint, disjunctive, cumulative, Disjunctive constraint	C++	Cplex	patient, COVID, vaccine		benchmark, real-life	edge-finding, particle swarm, sweep, time-tabling	1	697
BoothNB16 [139]	17	distributed, resource, machine, Benders Decomposition, precedence, order, activity, scheduling, Logic-Based Benders Decomposition, task, re-scheduling		cumulative, noOverlap, disjunctive	C++	Cplex	robot, medical		real-world	large neighborhood search	104	800

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
BoudreaultSLQ22 [144]	16	activity, machine, transportation, distributed, order, make-span, scheduling, cmax, multi-objective, resource, preempt, precedence, task	RCPSP, psplib, Resource-constrained Project Scheduling Problem	disjunctive, Cumulatives constraint, Disjunctive constraint, cumulative		Chuffed, MiniZinc, OPL, OR-Tools	offshore	repair industry, ship repair industry	supplementary material, gitlab, benchmark, generated instance, real-life, industrial partner, github, real-world	large neighborhood search, meta heuristic, edge-finding, not-first, lazy clause generation, not-last, energetic reasoning	18	714
BourdaisGP03 [145]	15	scheduling, task, order, resource		Cardinality constraint	C++	OPL, CHIP, Ilog Solver	nurse, physician, patient		real-life, real-world, benchmark	column generation	297	993
BridiLBBM16 [151]	2	task, distributed, make-span, order, job, activity, scheduling, resource, machine, periodic									105	801
BrusoniCLMMT96 [154]	10	no-wait, due-date, scheduling, order, resource, activity, precedence, task, distributed, job-shop, job		disjunctive, Disjunctive constraint	Prolog		railway, train schedule				337	1033
BurtLPS15 [156]	17	task, bi-objective, job, unavailability, job-shop, resource, machine, Benders Decomposition, stochastic, precedence, order, tardiness, periodic, single-machine scheduling, scheduling, make-span, completion-time	parallel machine, single machine	cumulative, cycle		Gurobi, Gecode, Cplex, MiniZinc			industry partner, real-world, benchmark	MINLP, quadratic programming, MIQP	124	820
CambazardHDJT04 [160]	15	machine, distributed, preemptive, order, scheduling, completion-time, periodic, Logic-Based Benders Decomposition, resource, preempt, precedence, Benders Decomposition, task	parallel machine	Cardinality constraint, Element constraint, Channeling constraint	Java		aircraft, automotive, robot		benchmark	simulated annealing, genetic algorithm	284	980
CambazardJ05 [161]	5	Benders Decomposition, scheduling, task, Logic-Based Benders Decomposition				Choco Solver					263	959
CappartS17 [163]	16	multi-objective, re-scheduling, resource, scheduling, breakdown, task, machine, activity, job, precedence, job-shop, completion-time, order	TMS	cumulative, span constraint, noOverlap, alternative constraint		OPL	train schedule, railway		bitbucket, real-life, random instance	large neighborhood search	90	786
CappartTSR18 [164]	17	Logic-Based Benders Decomposition, resource, periodic, setup-time, producer/consumer, activity, Benders Decomposition, Pareto, scheduling, multi-objective, transportation, order	Partial Order Schedule	cumulative, circuit, disjunctive, noOverlap		Cplex, CPO, MiniZinc, OPL	medical, patient		bitbucket, real-life, CSPLib	column generation, large neighborhood search	76	772

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
CarchraeBF05 [166]	1	scheduling, task, make-span, order	Partial Order Schedule								264	960
Caseau97 [173]	4	preempt, preemptive, order, scheduling, task, make-span, job, resource, job-shop		cumulative			robot		benchmark	edge-finding	335	1031
CatusseCBL16 [175]	7	release-date, order, resource, due-date, scheduling, machine, job, stochastic, task	parallel machine, single machine	disjunctive	Julia	OPL	telescope, astronomy			column generation, meta heuristic, large neighborhood search	106	802
CauwelaertDMS16 [176]	16	batch process, preemptive, order, make-span, scheduling, completion-time, setup-time, resource, preempt, precedence, task, job, job-shop, activity, machine, sequence dependent setup		cumulative, disjunctive	Java		container terminal		real-life, bit-bucket, benchmark	not-last, edge-finding, not-first	107	803
CauwelaertLS15 [177]	10	scheduling, order, task, resource	Resource-constrained Project Scheduling Problem, psplib, RCPSP	table constraint, bin-packing, disjunctive, cumulative, Cumulatives constraint, GCC constraint					benchmark, bit-bucket	energetic reasoning, time-tabling	125	821
CestaOS98 [181]	1	job, resource, scheduling					robot				327	1023
ChapadosJR11 [182]	6	activity, task, scheduling, order		cycle, cumulative		OPL		retail industry		time-tabling, column generation	188	884
ChuGNSW13 [184]	7	distributed, resource, machine, job, scheduling, precedence, order, task		cumulative, alldifferent, Cardinality constraint, disjunctive		CHIP				not-first, not-last, edge-finding	157	853
ChuX05 [185]	15	scheduling, machine, single-machine scheduling, release-date, order, one-machine scheduling, completion-time, Logic-Based Benders Decomposition, resource, job, due-date, Benders Decomposition	single machine	disjunctive, cumulative, Disjunctive constraint		ECLiPSe				MINLP	265	961
CireCH13 [186]	7	tardiness, scheduling, Benders Decomposition, precedence, task, order, make-span, stochastic, machine, job, resource, Logic-Based Benders Decomposition		circuit, cumulative		SCIP, OPL, Cplex					158	854

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ClercqPBJ11 [189]	16	order, activity, release-date, scheduling, completion-time, resource, due-date, distributed, precedence		cumulative, SoftCumulative, Cumulatives constraint, alldifferent, SoftCumulativeSum, Cardinality constraint	Java	Choco Solver, CHIP			benchmark	time-tabling, sweep, energetic reasoning, edge-finding	189	885
CobanH10 [190]	5	job, make-span, distributed, tardiness, Benders Decomposition, Logic-Based Benders Decomposition, preempt, re-scheduling, preemptive, order, scheduling		disjunctive, circuit		OPL, Cplex					204	900
CohenHB17 [192]	17	machine, order, activity, scheduling, task		noOverlap, alternative constraint		Cplex, OPL	music festival			time-tabling, support vector regression, machine learning, simulated annealing	91	787
ColT19 [194]	17	scheduling, machine, job-shop, earliness, order, precedence, make-span, resource, job	JSSP	noOverlap, disjunctive	Java	OR-Tools, MiniZinc, CPO			github, mark, world	genetic algorithm, machine learning, large neighborhood search	60	756
Colombani96 [195]	15	job, scheduling, resource, preempt, due-date, job-shop, task, order, activity, stochastic, machine, precedence, release-date		disjunctive		CHIP				simulated annealing	338	1034
DannaP03 [201]	5	job-shop, order, tardiness, scheduling, machine, job, activity, earliness, resource		disjunctive		Cplex, Ilog Solver, Ilog Scheduler			benchmark	genetic algorithm, large neighborhood search	298	994
Davenport10 [204]	5	order, resource, release-date, planned maintenance, tardiness, periodic, scheduling, completion-time, earliness, due-date				Cplex	semiconductor maintenance scheduling				205	901
DavenportKRSH07 [205]	13	make to order, activity, machine, preempt, precedence, job-shop, sequence dependent setup, resource, inventory, order, scheduling, job, setup-time		disjunctive, bin-packing	C++	Cplex, CHIP		steel industry		large neighborhood search	241	937

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DejemeppeCS15 [214]	16	make-span, task, precedence, setup-time, preemptive, resource, preempt, activity, completion-time, tardiness, job-shop, sequence dependent setup, scheduling, release-date, machine, job, order	single machine	disjunctive, cumulative, cycle			container terminal		bitbucket, real-world, generated instance, benchmark	not-last, not-first, edge-finding, ant colony, genetic algorithm, Lagrangian relaxation	126	822
DejemeppeD14 [215]	9	make-span, bi-objective, precedence, job-shop, resource, activity, setup-time, job, Pareto, scheduling, multi-objective, order		cumulative			medical, patient		bitbucket	large neighborhood search	146	842
DemirovicS18 [218]	18	scheduling, task, precedence, order, resource, activity		Disjunctive constraint, cumulative, disjunctive		MiniZinc, Gurobi	high school timetabling		benchmark, real-world	time-tabling, large neighborhood search, meta heuristic, mat heuristic, simulated annealing, column generation	77	773
DerrienP14 [220]	9	resource, scheduling, make-span, activity, order	psplib, CuSP	cumulative	Java	Choco Solver			random instance	sweep, edge-finding, energetic reasoning	147	843
DerrienPZ14 [221]	9	re-scheduling, order, job, activity, machine, precedence, make-span, scheduling, resource	RCPSP, CuSP	cumulative, Balance constraint, Cumulatives constraint		Choco Solver, CHIP			real-world, benchmark, random instance	sweep, large neighborhood search	148	844
DilkinaDH05 [223]	5	stochastic, machine, precedence, make-span, job, scheduling, job-shop, order				OPL				systematic local search, simulated annealing	266	962
DincbasS91 [225]	13	resource, scheduling, task, re-scheduling, online scheduling				CHIP	aircraft				350	1046
DoomsH08 [228]	16	scheduling, stochastic, completion-time, machine, job, activity, online scheduling, resource, job-shop, task, order	RCPSP					service industry			231	927
DoulabiRP14 [232]	9	due-date, task, order, activity, scheduling, resource		Cardinality constraint, bin-packing, Element constraint		Cplex	medical, patient, nurse, surgery, operating room			column generation	149	845

Table 3: Automatically Extracted PAPER Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
EdisO11 [235]	7	task, job, resource, make-span, scheduling, flow-time, Logic-Based Benders Decomposition, tardiness, due-date, machine, completion-time, activity, lateness, earliness, Benders Decomposition, preempt	parallel machine	bin-packing, noOverlap, cumulative		OPL, Cplex				meta heuristic, Lagrangian relaxation, genetic algorithm	190	886
EfthymiouY23 [238]	16	setup-time, order, make-span, job-shop, job, re-scheduling, task, scheduling, machine	CHSP, JSSP	cumulative, disjunctive, cycle	Python	OPL, OR-Tools	pipeline, hoist, satellite, electroplating		generated instance, benchmark, random instance, real-life, industrial instance	reinforcement learning, machine learning, neural network, meta heuristic, deep learning	4	700
ElkhyariGJ02 [241]	6	precedence, scheduling, machine, breakdown, preempt, make-span, resource, activity, due-date, re-scheduling, task	Resource-constrained Project Scheduling Problem, RCPSP	cumulative, disjunctive, table constraint							309	1005
ElkhyariGJ02a [242]	24	activity, re-scheduling, order, scheduling, online scheduling, open-shop, breakdown, due-date, task, precedence, resource	Resource-constrained Project Scheduling Problem, RCPSP, psplib	cumulative, Disjunctive constraint, Arithmetic constraint, disjunctive		OPL	high school timetabling		benchmark, real-life	genetic algorithm, time-tabling	310	1006
EreminW01 [245]	15	resource, transportation, scheduling, Benders Decomposition, order, Logic-Based Benders Decomposition, task		cumulative, cycle		ECLiPSe, CHIP, Cplex	crew-scheduling		real-world, industrial partner, benchmark	Lagrangian relaxation, column generation	317	1013
ErtIK91 [246]	12	setup-time, task, resource, scheduling, order, machine		cycle	Prolog		pipeline		real-world, benchmark		351	1047
EvenSH15 [250]	18	transportation, machine, distributed, resource, preempt, preemptive, order, scheduling, Benders Decomposition, completion-time, task		cumulative, disjunctive, Disjunctive constraint		OPL, Choco Solver	emergency service, evacuation		real-life, real-world	column generation, sweep, mat heuristic, ant colony edge-finding	127	823
FocacciLN00 [264]	10	Pareto, machine, preempt, cmax, scheduling, resource, setup-time, due-date, task, job-shop, distributed, precedence, make-span, sequence dependent setup, open-shop, order, job, activity		Disjunctive constraint, disjunctive					real-world		322	1018

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
FontaineMH16 [266]	11	order, Logic-Based Benders Decomposition, job-shop, resource, scheduling, machine, job, task, completion-time, Benders Decomposition, make-span, precedence	parallel machine	disjunctive		MiniZinc, Gurobi, CHIP			benchmark	column generation, machine learning, large neighborhood search, meta heuristic	108	804
FortinZDF05 [268]	15	resource, task, order, activity, stochastic, precedence, temporal constraint reasoning, make-span, scheduling	psplib								267	963
FoxAS82 [269]	4	tardiness, job, order, scheduling, distributed, precedence, job-shop, due-date, machine, re-scheduling, task, resource					robot				353	1049
FoxS90 [270]	14	machine, job-shop, lateness, earliness, task, tardiness, activity, order, flow-time, unavailability, completion-time, precedence, make-span, re-scheduling, resource, job, setup-time, flow-shop, reactive scheduling, stochastic, due-date, scheduling	single machine	disjunctive, Disjunctive constraint		CHIP	telescope, robot		real-world	simulated annealing	352	1048
FrankDT16 [271]	9	scheduling, order, cyclic scheduling, task, resource, job, re-scheduling, setup-time		disjunctive, geost, noOverlap		Cplex	satellite, robot, offshore				109	805
FrankK03 [272]	10	order, stochastic, scheduling					aircraft, astronomy, telescope		benchmark		299	995
FrankK05 [273]	18	order, stochastic, job, periodic, resource, precedence, scheduling, due-date, task		cycle			satellite, aircraft, astronomy, telescope		benchmark		268	964
FrimodigS19 [275]	17	order, stochastic, machine, job, scheduling, resource, Benders Decomposition, task, job-shop		cumulative, bin-packing, regular expression, Regular constraint	Python	Cplex, MiniZinc, Gecode	medical, patient, nurse, physician, radiation therapy, surgery		benchmark, real-world	large neighborhood search	61	757
FrohnerTR19 [277]	9	multi-objective, order, scheduling, distributed			Java, Python	MiniZinc, Gecode, Gurobi	nurse		benchmark, real-world	ant colony, meta heuristic	62	758
FrostD98 [278]	1	scheduling, order					maintenance scheduling	power industry			328	1024
GalleguillosKSB19 [279]	18	resource, order, job, activity, make-span, re-scheduling, machine, distributed, stochastic, scheduling	Resource-constrained Project Scheduling Problem, JSSP	alternative constraint, cumulative	Python	OR-Tools	datacenter, super-computer, high performance computing			neural network, machine learning, large neighborhood search	63	759

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
GarganiR07 [281]	13	machine, inventory, order, resource		bin-packing, Channeling constraint, Element constraint	C++	OPL	steel mill	steel industry	real-life, CSPlib	large neighborhood search, column generation	242	938
GayHLS15 [284]	9	resource, scheduling, precedence, task, order, make-span, activity	RCPSP, OSP, psplib	cumulative, disjunctive					bitbucket, benchmark	time-tabling, edge-finding	128	824
GayHS15 [285]	9	resource, task, order, scheduling, preemptive, precedence, preempt		Cumulatives constraint, cumulative, table constraint, disjunctive		Choco Solver, OR-Tools, Gecode			bitbucket	time-tabling, sweep	129	825
GayHS15a [286]	16	task, preemptive, order, machine, manpower, preempt, resource, scheduling	psplib, RCPSP	Cumulatives constraint, cumulative, disjunctive	Java				benchmark, real-world, bitbucket	time-tabling, not-first, not-last, energetic reasoning, edge-finding, sweep	130	826
GaySS14 [287]	15	machine, completion-time, activity, setup-time, continuous-process, resource, job, order, make-span, scheduling, precedence, manpower, job-shop	Partial Order Schedule	cycle, cumulative, disjunctive			steel mill		real-life, CSPlib	meta heuristic, Lagrangian relaxation, ant colony, large neighborhood search, sweep	151	847
GeibingerKKMMW21 [290]	10	scheduling, distributed		Cardinality constraint		MiniZinc, OR-Tools, Gurobi, Cplex, Gecode	nurse, physician, COVID, medical, patient	pharmaceutical industry	real-world		38	734
GeibingerMM19 [292]	16	precedence, release-date, resource, activity, re-scheduling, job, order, completion-time, scheduling, due-date, multi-objective, make-span, task	RCPSP, Resource-constrained Project Scheduling Problem	alternative constraint, cumulative, endBeforeStart, Pulse constraint, noOverlap	Java	Cplex, Gecode, MiniZinc, CPO	automotive		real-world, benchmark, real-life, generated instance, industrial partner	time-tabling	64	760
GeibingerMM21 [293]	9	precedence, release-date, resource, activity, job, order, completion-time, tardiness, scheduling, machine, due-date, task	RCPSP, Resource-constrained Project Scheduling Problem	disjunctive, cumulative		Chuffed, Cplex, CPO	nurse, train schedule, operating room		github, real-world, benchmark, real-life, generated instance	simulated annealing, large neighborhood search, lazy clause generation, machine learning, time-tabling	39	735

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
GeitzGSSW22 [294]	18	setup-time, sequence dependent setup, task, lateness, precedence, batch process, make-span, preemptive, order, job, scheduling, completion-time, resource, machine, preempt, producer/consumer, job-shop, transportation	single machine, RCPSP, JSSP	cumulative		OPL	robot		real-world, real-life, github	machine learning, sweep, simulated annealing, meta heuristic, not-last, lazy clause generation	19	715
GelainPRVW17 [295]	16	order, resource, scheduling					meeting scheduling		real-life, CSPlib, benchmark		92	788
Geske05 [298]	18	machine, re-scheduling, activity, distributed, task, job, order, resource, scheduling, lateness, job-shop		cumulative	Prolog	SICStus, CHIP	train schedule, railway	railway industry	real-life	genetic algorithm	269	965
GilesH16 [300]	16	setup-time, activity, transportation, resource, inventory, task, order, scheduling		disjunctive, cumulative		Cplex	pipeline	chemical industry, processing industry, petro-chemical industry, chemical processing industry			110	806
GingrasQ16 [301]	7	resource, scheduling, task, make-span, completion-time, precedence, order	psplib, RCPSP, CuSP	disjunctive, cumulative		Choco Solver			benchmark	energetic reasoning, sweep, edge-finder, edge-finding	111	807
GodardLN05 [302]	9	job-shop, activity, completion-time, order, earliness, tardiness, resource, scheduling, machine, make-span, job, precedence	Resource-constrained Project Scheduling Problem, JSSP	cumulative, disjunctive, table constraint		Ilog Solver, Ilog Scheduler			benchmark	large neighborhood search	270	966
GodetLHS20 [304]	8	release-date, scheduling, task, machine, make-span, completion-time, setup-time, order, cmax, resource, job	single machine, parallel machine, PMSP	alldifferent, bin-packing, Disjunctive constraint, cumulative, disjunctive		CHIP, Chuffed, Choco Solver	satellite		real-life, benchmark, generated instance, github	lazy clause generation, not-last, time-tabling, large neighborhood search	47	743
GokGSTO20 [306]	17	distributed, task, job-shop, resource, multi-agent, bi-objective, job, stochastic, setup-time, scheduling, precedence, order, tardiness, activity	Resource-constrained Project Scheduling Problem, RCPSP	cumulative, circuit, disjunctive	Python	Gecode, Z3, MiniZinc, Gurobi	aircraft		real-world, Roadev	large neighborhood search, GRASP, genetic algorithm, mat heuristic	48	744

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
GoldwaserS17 [309]	16	scheduling, machine, transportation, order, Logic-Based Benders Decomposition, resource, due-date, Benders Decomposition		cumulative, disjunctive	Python	Gurobi, Gecode	torpedo	steel industry	github, generated instance, instance generator	simulated annealing, column generation, lazy clause generation	93	789
Goltz95 [311]	14	task, job, order, resource, scheduling, precedence, job-shop, due-date, machine, completion-time		cumulative, disjunctive	Prolog	CHIP			benchmark	edge-finding	340	1036
GomesHS06 [313]	2	order, scheduling, distributed, task, multi-agent				Ilog Solver			real-life		253	949
GrimesH10 [317]	15	cmax, machine, job, job-shop, setup-time, flow-shop, no-wait, open-shop, scheduling, precedence, order, make-span, sequence dependent setup, task, batch process, resource	Open Shop Scheduling Problem	cycle, disjunctive, Disjunctive constraint, cumulative				steel industry	benchmark	genetic algorithm, meta heuristic, simulated annealing, time-tabling, edge-finding	206	902
GrimesH11 [318]	17	cmax, machine, job, job-shop, flow-shop, no-wait, open-shop, scheduling, precedence, order, make-span, completion-time, tardiness, release-date, earliness, task, due-date, resource	RCPSp	disjunctive, Disjunctive constraint, cumulative		Cplex, Ilog Solver, OPL, Ilog Scheduler			benchmark	genetic algorithm, meta heuristic, memetic algorithm, lazy clause generation, large neighborhood search, edge-finding	191	887
GrimesHM09 [320]	9	open-shop, order, make-span, resource, job, precedence, scheduling, task, job-shop, machine	OSP, Open Shop Scheduling Problem	Balance constraint, disjunctive, Disjunctive constraint	Java	Ilog Scheduler, Choco Solver, Mistral			benchmark	edge-finding, particle swarm, not-last, meta heuristic	215	911
GroleazNS20 [324]	17	precedence, release-date, preemptive, job, scheduling, resource, machine, preempt, due-date, tardiness, job-shop, setup-time, order, inventory	GCSP, Resource-constrained Project Scheduling Problem	circuit, noOverlap, cycle, cumulative		OR-Tools, CPO		food industry	industrial instance, benchmark	large neighborhood search, mat heuristic, ant colony, meta heuristic	49	745

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
GroleazNS20a [323]	9	scheduling, machine, multi-objective, transportation, order, tardiness, release-date, precedence, resource, setup-time, preempt, inventory, due-date, distributed, job, preemptive	Resource-constrained Project Scheduling Problem, parallel machine, RCPSP	noOverlap, cumulative, cycle		Cplex, CPO		food industry	industrial partner, benchmark	swarm intelligence, machine learning, ant colony, genetic algorithm, meta heuristic, GRASP	50	746
GruianK98 [326]	8	task, resource, re-scheduling, scheduling, order, activity		cumulative, cycle, circuit, diffn		OPL, CHIP	pipeline, aircraft		benchmark	genetic algorithm, meta heuristic	329	1025
GuSS13 [327]	7	activity, order, precedence, make-span, resource, distributed, scheduling, net present value, machine, single-machine scheduling	single machine, Resource-constrained Project Scheduling Problem	cumulative					benchmark	Lagrangian relaxation, edge-finding, lazy clause generation, meta heuristic, edge-finder, genetic algorithm, time-tabling	159	855
GuSW12 [329]	15	activity, order, precedence, make-span, resource, job, preempt, scheduling, preemptive, net present value, cmax	Resource-constrained Project Scheduling Problem	cumulative	C++				benchmark	Lagrangian relaxation, lazy clause generation, ant colony	174	870
HananKP21 [344]	17	job-shop, resource, machine, precedence, order, tardiness, preempt, release-date, preemptive, scheduling, make-span, completion-time, task, cmax, job, lateness, due-date	RCPSP, CuSP, parallel machine, Resource-constrained Project Scheduling Problem	cumulative	Python	Claire	pipeline		Roadef, generated instance, random instance	energetic reasoning	40	736
He0GLW18 [352]	18	multi-objective, machine, transportation, multi-agent, distributed, precedence, re-scheduling, order, scheduling			Python	Gurobi	energy-price, real-time pricing		real-world, bit-bucket	quadratic programming	78	774
HebrardALLCMR22 [353]	7	order, scheduling, activity		cumulative	Julia	Claire	deep space			sweep	20	716
HebrardTW05 [355]	1	job-shop, order, job, machine, scheduling									271	967
HechingH16 [357]	11	order, scheduling, manpower, re-scheduling, job, Benders Decomposition, stochastic, Logic-Based Benders Decomposition, task		circuit, noOverlap		OPL, Cplex	patient, medical		real-world	mat heuristic	112	808

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
HeinzB12 [359]	17	Logic-Based Benders Decomposition, precedence, due-date, order, tardiness, scheduling, completion-time, machine, job, activity, release-date, single-machine scheduling, earliness, resource, Benders Decomposition	single machine	cumulative, Channeling constraint, cycle, alternative constraint, IloAlternative		SCIP, Ilog Solver, OPL, Cplex, Ilog Scheduler				GRASP	175	871
HeinzKB13 [360]	16	release-date, Logic-Based Benders Decomposition, job-shop, resource, machine, job, scheduling, Benders Decomposition, order, tardiness	single machine	cumulative, Channeling constraint		SCIP, Cplex, OPL				meta heuristic	161	857
HeinzS11 [362]	10	preempt, order, scheduling, completion-time, machine, job, resource	psplib, Resource-constrained Project Scheduling Problem, RCPSP	disjunctive, cumulative		SCIP, Cplex			benchmark	time-tabling, energetic reasoning	192	888
HentenryckM04 [368]	16	resource, activity, job, completion-time, tardiness, scheduling, machine, open-shop, order, due-date, make-span, task, job-shop, precedence order		disjunctive, cumulative, cycle					benchmark	meta heuristic	285	981
HentenryckM08 [369]	5			bin-packing			steel mill		CSPLib	large neighborhood search	232	928
HermenierDL11 [370]	15	task, precedence, distributed, resource, periodic, completion-time, producer/consumer, machine, no-wait, order, scheduling		bin-packing, disjunctive, table constraint, alldifferent, cumulative, cycle		Choco Solver	datacenter			meta heuristic	193	889
HillTV21 [373]	19	machine, job, activity, resource, release-date, precedence, single-machine scheduling, bi-objective, preempt, net present value, scheduling, flow-shop, task, preemptive, order, make-span	Resource-constrained Project Scheduling Problem, RCPSP, psplib, single machine	cycle, cumulative, alternative constraint					real-world	machine learning, lazy clause generation, genetic algorithm	41	737
HoYLLCLC18 [375]	6	task, stochastic, distributed, order, job, scheduling, resource, machine, re-scheduling, sustainability			C		medical, patient, nurse		real-world		79	775
HoeveGSL07 [736]	6	resource, multi-agent, scheduling, re-scheduling, job, precedence, distributed, task, job-shop, machine, order		disjunctive		Ilog Scheduler, Cplex			benchmark	edge-finding	243	939

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
Hooker04 [380]	12	machine, task, release-date, make-span, distributed, resource, Logic-Based Benders Decomposition, precedence, order, tardiness, scheduling, Benders Decomposition		disjunctive, cumulative, circuit		OPL, Ilog Scheduler, Cplex			random instance	MINLP	286	982
Hooker05a [382]	14	release-date, scheduling, Logic-Based Benders Decomposition, make-span, task, machine, job, due-date, resource, Benders Decomposition, precedence, order, tardiness		circuit, cumulative, disjunctive		Ilog Scheduler, OPL, Cplex				MINLP	272	968
Hooker05b [383]	15	scheduling, Logic-Based Benders Decomposition, task, Benders Decomposition, order		circuit						meta heuristic, simulated annealing, GRASP	273	969
Hooker17 [388]	14	job, resource, due-date, order, tardiness, scheduling		circuit					benchmark, random instance		94	790
HookerY02 [392]	5	scheduling, Logic-Based Benders Decomposition, machine, job, resource, Benders Decomposition, order	RCPSP	cumulative, disjunctive							311	1007
HoundjiSWD14 [394]	16	scheduling, machine, transportation, order, precedence, resource, inventory, due-date	single machine	circuit, Cardinality constraint, Element constraint, GCC constraint					bitbucket, generated instance		152	848
IfrimOS12 [397]	16	order, periodic, scheduling, task, machine, job, re-scheduling, stochastic, distributed, due-date, sustainability, resource		disjunctive			datacenter, energy-price		real-life	neural network, machine learning, genetic algorithm	176	872
JelinekB16 [403]	10	completion-time, order, scheduling, task		cumulative, table constraint	Prolog	SICStus, OPL			real-life		113	809
JungblutK22 [405]	4	distributed, machine, make-span, scheduling, resource, preempt, task, order		circuit		MiniZinc			benchmark, real-world		21	717
JuvinHHL23 [407]	16	resource, job, scheduling, Logic-Based Benders Decomposition, task, job-shop, preemptive, due-date, machine, make-span, flow-shop, completion-time, precedence, Benders Decomposition, cmax, setup-time, order, preempt	JSSP, parallel machine	disjunctive, Disjunctive constraint, PreemptiveNoOverlap, alldifferent, noOverlap, endBeforeStart, AllDiffPrec constraint, cumulative	C++	CPO, Mistral			github, benchmark, supplementary material	not-last, edge-finding, not-first, genetic algorithm	5	701

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
JuvinHL23 [409]	16	precedence, order, tardiness, setup-time, breakdown, scheduling, make-span, completion-time, task, cmax, machine, job, stochastic, job-shop, flow-shop		noOverlap, end-BeforeStart		Cplex, CPO			real-world		6	702
KamarainenS02 [411]	17	job-shop, preemptive, resource, earliness, activity, job, order, scheduling, machine, precedence, transportation, preempt	KRFP			ECLiPSe			real-world, benchmark	genetic algorithm, simulated annealing, meta heuristic	312	1008
KameugneFGOQ18 [414]	17	cmax, precedence, make-span, completion-time, resource, task, scheduling, order	RCPSP, CuSP, Resource-constrained Project Scheduling Problem	Disjunctive constraint, cumulative, disjunctive	Java	CHIP, Choco Solver			real-world, benchmark	time-tabling, sweep, not-last, energetic reasoning, not-first	80	776
KameugneFND23 [415]	17	precedence, cmax, preempt, make-span, task, completion-time, machine, resource, order, scheduling	Resource-constrained Project Scheduling Problem, RCPSP, psplib, CuSP	Disjunctive constraint, disjunctive, Cumulatives constraint, cumulative	Java	Choco Solver, CHIP			benchmark	sweep, energetic reasoning, not-last, not-first, edge-finder, time-tabling, edge-finding, lazy clause generation	7	703
KameugneFSN11 [417]	15	completion-time, job-shop, preemptive, release-date, resource, job, order, scheduling, precedence, preempt, make-span, task	RCPSP, psplib, CuSP	cumulative, disjunctive		Gecode			benchmark	edge-finding, not-last, not-first, time-tabling	194	890
KelarevaTK13 [420]	17	re-scheduling, task, Benders Decomposition, precedence, scheduling, multi-objective, transportation, setup-time, order, tardiness, make-span, resource, activity, inventory, net present value	Resource-constrained Project Scheduling Problem, Liner Shipping Fleet Repositioning Problem, BPCTOP, LSFRP, Bulk Port Cargo Throughput Optimization Problem	alldifferent		Cplex, SCIP, MiniZinc	earth observation, shipping line, satellite		real-world	lazy clause generation	162	858

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KeriK07 [422]	14	due-date, activity, earliness, resource, tardiness, job, temporal constraint reasoning, order, make-span, scheduling, precedence, cmax, job-shop	Resource-constrained Project Scheduling Problem, RCPSP	cycle	C++					edge-finding	244	940
KhemmoudjPB06 [424]	13	distributed, unavailability, resource, stock level, order, scheduling		cycle, cumulative	C++	CHIP			real-world	meta heuristic	254	950
KimCMLLP23 [425]	16	open-shop, tardiness, earliness, scheduling, transportation, machine, make-span, job, precedence, distributed, setup-time, job-shop, due-date, order	parallel machine, SCC	noOverlap	Python	OR-Tools, Gurobi		steel industry	real-world, zenodo, benchmark	genetic algorithm, mat heuristic, Lagrangian relaxation, meta heuristic, large neighborhood search	8	704
KlankeBYE21 [426]	16	make-span, order, job, activity, scheduling, completion-time, resource, machine, producer/consumer, job-shop, re-scheduling, due-date, task, batch process		circuit, noOverlap, disjunctive, cumulative	Python	CHIP, OR-Tools, Gurobi, Cplex		processing industry, food-processing industry	random instance, benchmark, real-life		42	738
KletzanderM17 [427]	15	machine, resource, order, scheduling, transportation	parallel machine				torpedo	steel industry		genetic algorithm, simulated annealing, neural network, meta heuristic	95	791
KorbaaYG99 [431]	8	cyclic scheduling, resource, scheduling, transportation, make-span, job, periodic, task, job-shop, machine, flow-shop, order		circuit, cycle	Prolog	Ilog Solver, CHIP, OZ	robot, hoist				325	1021
KoschB14 [433]	16	resource, lateness, job-shop, release-date, Logic-Based Benders Decomposition, multi-agent, cmax, scheduling, Benders Decomposition, completion-time, batch process, due-date, order, make-span, machine, job, distributed	RCPSP, single machine	cumulative, disjunctive, bin-packing	Java	Choco Solver, Cplex	semiconductor		benchmark	column generation, meta heuristic	153	849
KovacsB07 [434]	15	order, tardiness, activity, preempt, release-date, earliness, single-machine scheduling, scheduling, make-span, completion-time, job, preemptive, due-date, job-shop, flow-shop, resource, machine	parallel machine, single machine	Completion constraint, cumulative	C++	Ilog Solver			benchmark	column generation	245	941

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KovacsEKV05 [437]	1	scheduling, resource, setup-time, job-shop, precedence, job	Resource-constrained Project Scheduling Problem						real-life		274	970
KovacsTKSG21 [441]	17	precedence, job-shop, breakdown, preempt, order, tardiness, inventory, distributed, planned maintenance, resource, due-date, scheduling, machine, flow-shop, job, re-scheduling, task, preemptive, unavailability, release-date	RCPSP, single machine	cumulative		Gurobi, OR-Tools, Cplex			github, supplementary material, real-world, benchmark	meta heuristic, reinforcement learning, machine learning, neural network edge-finding	43	739
KovacsV04 [439]	15	scheduling, make-span, task, job, job-shop, resource, machine, precedence, order	Resource-constrained Project Scheduling Problem, single machine	disjunctive, cumulative		Ilog Scheduler			industrial partner, benchmark, real-life		287	983
KovacsV06 [440]	13	tardiness, setup-time, earliness, scheduling, make-span, task, job, job-shop, resource, machine, precedence, order	single machine, RCPSP	cumulative		Ilog Scheduler	automotive	energy industry	industrial partner, benchmark, generated instance		255	951
KreterSS15 [442]	17	order, preempt, resource, scheduling, task, preemptive, unavailability, machine, activity, make-span, completion-time, periodic	Resource-constrained Project Scheduling Problem, RCPSP, parallel machine	cumulative, diffn, Element constraint, Calendar constraint		Cplex, MiniZinc, CHIP, Chuffed			benchmark	lazy clause generation	131	827
KrogtLPHJ07 [735]	13	resource, due-date, job-shop, precedence, order, job, inventory, activity, machine, scheduling		circuit	Prolog	OPL	semiconductor aircraft	semiconductor industry	real-world		246	942
KucukY19 [449]	5	distributed, resource, multi-objective, sequence dependent setup, task, order, scheduling, stochastic, setup-time		disjunctive, noOverlap, cycle		Cplex	earth observation, satellite		benchmark, generated instance	ant colony, time-tabling, simulated annealing, genetic algorithm, column generation, large neighborhood search, meta heuristic	65	761
Kumar03 [448]	15	order, scheduling, producer/consumer, activity, resource		cycle						max-flow, bi-partite matching	300	996

Table 3: Automatically Extracted PAPER Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
Laborie09 [451]	15	task, machine, job, sequence dependent setup, inventory, due-date, job-shop, preempt, resource, precedence, order, tardiness, activity, setup-time, breakdown, release-date, earliness, preemptive, scheduling		noOverlap, endBeforeStart, cumulative, disjunctive, alternative constraint	C	CPO, OPL	satellite, aircraft		real-world, benchmark	large neighborhood search, genetic algorithm	216	912
Laborie18a [452]	9	resource, job, release-date, scheduling, Logic-Based Benders Decomposition, task, due-date, machine, precedence, Benders Decomposition		cumulative, alternative constraint		Ilog Scheduler, CPO, OPL			real-world, real-life, benchmark	large neighborhood search, energetic reasoning	81	777
LacknerMMWW21 [455]	18	release-date, flow-shop, job, order, tardiness, scheduling, machine, lateness, earliness, batch process, setup-time, due-date, make-span, task	OSP, single machine, parallel machine	cumulative, endBeforeStart, noOverlap, Element constraint		Chuffed, Cplex, OPL, CPO, MiniZinc, Gurobi, OR-Tools	semiconductor oven scheduling	manufacturing industry, electronics industry, steel industry	benchmark, instance generator, real-life, random instance, industrial partner, supplementary material	ant colony, GRASP, simulated annealing, large neighborhood search, particle swarm, meta heuristic, genetic algorithm	44	740
LahimerLH11 [457]	14	resource, machine, preempt, cmax, task, precedence, make-span, preemptive, order, job, scheduling, completion-time	parallel machine, Resource-constrained Project Scheduling Problem, RCPSP	Disjunctive constraint, disjunctive	C++	Ilog Scheduler			benchmark	ant colony, energetic reasoning, genetic algorithm, memetic algorithm	195	891
LauLN08 [460]	5	job, order, resource, scheduling, transportation, job-shop, machine, distributed, inventory, flow-shop							real-world, benchmark	Lagrangian relaxation	233	929
LetortBC12 [465]	16	task, machine, make-span, precedence, order, resource, scheduling	psplib	Cumulatives constraint, cumulative, geost, bin-packing	Java, Prolog	Choco Solver, CHIP, SICStus	datacenter		Roadef, benchmark, random instance	meta heuristic, sweep, edge-finding	177	873
LetortCB13 [466]	16	machine, make-span, precedence, order, resource, scheduling, task	psplib, RCPSP	Disjunctive constraint, cumulative, disjunctive, bin-packing	Java, Prolog	Choco Solver, SICStus			Roadef, benchmark, random instance	energetic reasoning, meta heuristic, sweep, edge-finding	163	859

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
LiFJZLL22 [469]	6	completion-time, multi-objective, task, tardiness, buffer-capacity, flow-time, blocking constraint, distributed, job-shop, batch process, flow-shop, transportation, machine, job, stochastic, setup-time, no-wait, scheduling, order, make-span	single machine	Blocking constraint		OPL	robot		benchmark	machine learning, genetic algorithm, memetic algorithm, meta heuristic	22	718
LimBTBB15 [473]	15	scheduling, order, tardiness, earliness, job-shop, multi-agent, machine, job, re-scheduling, stochastic				OPL	HVAC, meeting scheduling		benchmark	meta heuristic, MINLP, time-tabling, large neighborhood search	132	828
LimHTB16 [472]	18	machine, activity, online scheduling, multi-agent, distributed, re-scheduling, order, scheduling, stochastic		cumulative		OPL	HVAC, meeting scheduling, energy-price, real-time pricing		real-world	large neighborhood search, meta heuristic	114	810
LimRX04 [471]	5	scheduling, machine, preempt, completion-time, transportation, preemptive, job, stochastic, order					container terminal		generated instance	in-simulated annealing	288	984
Limtanyakul07 [474]	6	make-span, task, release-date, machine, resource, job, order, scheduling, due-date, precedence		cumulative		OPL	robot	automobile industry	real-life	energetic reasoning	247	943
LipovetzkyBPS14 [476]	9	make-span, scheduling, resource, precedence, Benders Decomposition, task, breakdown, order, transportation		disjunctive		Cplex	crew-scheduling		real-life, real-world, industrial partner, industry partner, benchmark, generated instance	github	154	850
LiuCGM17 [480]	17	order, scheduling, machine, task, activity, transportation, cmax		Element constraint	con-	Python		tourism industry		simulated annealing, column generation	96	792
LiuJ06 [481]	5	make-span, resource, multi-objective, task, order, scheduling		disjunctive, Disjunctive constraint, cycle							256	952
LiuLH19 [477]	9	order, resource, scheduling		Channeling constraint		Choco Solver			benchmark, CSPlib	time-tabling, meta heuristic	66	762

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
LombardiBM15 [483]	16	task, completion-time, precedence, scheduling, machine, stochastic, order, make-span, job-shop, resource, activity, distributed, job	JSSP, Partial Order Schedule, Resource-constrained Project Scheduling Problem, RCPSP, psplib						benchmark, real-world	large neighborhood search	133	829
LombardiBMB11 [484]	17	order, cyclic scheduling, make-span, task, precedence, stochastic, resource, activity, periodic, completion-time, scheduling, machine	RCPSP	cycle, cumulative	C++		hoist		benchmark, industrial instance, real-life		196	892
LombardiM09 [485]	15	precedence, make-span, order, activity, scheduling, resource, preempt, preemptive, completion-time, task, stochastic	Resource-constrained Project Scheduling Problem, RCPSP	Balance constraint		Ilog Solver			instance generator, real-world		217	913
LombardiM10 [487]	15	precedence, make-span, order, activity, scheduling, resource, completion-time, task, stochastic	Partial Order Schedule, Resource-constrained Project Scheduling Problem, RCPSP	Disjunctive constraint, disjunctive, cumulative		Ilog Solver			real-world, benchmark		207	903
LombardiM13 [490]	2	precedence, make-span, order, activity, scheduling, resource, task	Resource-constrained Project Scheduling Problem, RCPSP, psplib								164	860
LouieVNB14 [496]	7	order, resource, job, periodic, scheduling, task, machine, activity		cycle		OPL	patient, robot				155	851
LozanoCDS12 [497]	17	machine, precedence, scheduling, resource, Benders Decomposition, Logic-Based Benders Decomposition, task, distributed, order		cumulative, cycle		OPL, Gecode, CHIP	pipeline, rectangle-packing		benchmark	sweep	178	874
LuoB22 [503]	17	order, scheduling, re-scheduling, job, Benders Decomposition, resource, machine, batch process, job-shop		AlwaysConstant, bin-packing, diffn, Element constraint, cumulative, alwaysIn	Python	CHIP, Cplex	super-computer, rectangle-packing, railway	metal industry, forging industry	real-life, industry partner, real-world, generated instance, github, industrial instance		23	719
LuoVLBM16 [502]	4	task, job, job-shop, resource, machine, precedence, order, activity, scheduling					nurse			time-tabling	115	811

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
Madi-WambaB16 [506]	16	precedence, task, resource, job, order, scheduling, sustainability		cumulative, TaskIntersection constraint	Java	Choco Solver, CHIP			real-world, benchmark, random instance, generated instance		116	812
Madi-WambaLOBM17 [507]	8	job, distributed, scheduling, order, machine, task, re-scheduling, activity, precedence, resource		bin-packing, cumulative, Cumulatives constraint, Element constraint cycle	Prolog	SICStus	datacenter		real-world	sweep	97	793
MakMS10 [508]	5	inventory, task, job, resource, scheduling, due-date, order, machine, activity, transportation, precedence								genetic algorithm	208	904
MalapertCGJLR13 [511]	2	flow-shop, preemptive, order, make-span, scheduling, cmax, open-shop, resource, preempt, precedence, task, job, job-shop, machine	single machine, Open Shop Scheduling Problem	disjunctive, cumulative	Java	Choco Solver			benchmark, real-life	meta heuristic, ant colony, particle swarm, genetic algorithm	165	861
MalapertN19 [512]	17	bi-objective, sequence dependent setup, order, job, flow-time, machine, breakdown, cmax, make-span, scheduling, completion-time, resource, setup-time, task, single-machine scheduling	PMSP, PTC, parallel machine, single machine	noOverlap, cumulative, alternative constraint, alwaysIn		Cplex, CPO	semiconductor		benchmark, generated instance, industrial instance, Roadeff		67	763
MaraveliasG04 [516]	20					OZ					289	985
Mehdizadeh-Somarin23 [522]	14	make-span, unavailability, preempt, multi-agent, completion-time, tardiness, preemptive, reactive scheduling, bi-objective, scheduling, cmax, job, setup-time, precedence, sustainability, order, online scheduling, stochastic, job-shop, re-scheduling, machine, flow-shop, single-machine scheduling, task, periodic	JSSP, parallel machine, single machine		Python	Cplex	COVID, robot		random instance	simulated annealing, machine learning, reinforcement learning, genetic algorithm, meta heuristic	9	705
MelgarejoLS15 [14]	17	tardiness, scheduling, machine, order, task, precedence, transportation, setup-time, resource, one-machine scheduling, job	single machine	alldifferent, noOverlap, circuit, Disjunctive constraint, disjunctive, table constraint		Cplex			real-world, benchmark	simulated annealing, large neighborhood search, meta heuristic, ant colony	134	830

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
Mercier-AubinGQ20 [532]	13	order, Benders Decomposition, Logic-Based Benders Decomposition, job, make-span, preemptive, sequence dependent setup, tardiness, resource, precedence, completion-time, machine, activity, due-date, preempt, task, setup-time, earliness, job-shop, scheduling	RCPS	circuit, cumulative, disjunctive, cycle	C++, Python	OPL, MiniZinc		textile industry, manufacturing industry	industrial instance, industrial partner	genetic algorithm, large neighborhood search, lazy clause generation	51	747
MoffittPP05 [538]	6	order, activity, machine, cmax, make-span, scheduling, resource	Temporal Constraint Satisfaction Problem	cycle, disjunctive			meeting scheduling				275	971
MonetteDD07 [540]	14	machine, precedence, make-span, preemptive, job, scheduling, completion-time, resource, preempt, no preempt, task, job-shop, open-shop, order	Open Shop Scheduling Problem, OSP	disjunctive		Gecode			benchmark	not-last, not-first, edge-finding	248	944
MonetteDH09 [541]	8	machine, precedence, release-date, tardiness, make-span, preemptive, job, scheduling, completion-time, resource, preempt, earliness, due-date, task, job-shop, order, activity, distributed		cycle, disjunctive, cumulative					benchmark	large neighborhood search, not-last	218	914
MossigeGSMC17 [544]	18	activity, job, order, completion-time, scheduling, machine, precedence, distributed, preempt, make-span, task, job-shop, preemptive, resource, net present value	single machine, FJS, Resource-constrained Project Scheduling Problem, RCPS	Cumulatives constraint, cumulative, cycle, disjunctive	Prolog	CHIP, SIC-Stub	robot, rectangle-packing		real-world, benchmark, random instance, CSPlib, generated instance, industrial partner	lazy clause generation, meta heuristic, genetic algorithm	98	794
MouraSCL08 [546]	16	scheduling, preempt, transportation, precedence, distributed, preemptive, activity, order, inventory, resource		table constraint, Element constraint, Channeling constraint, cycle, disjunctive	C++	Ilog Solver, Ilog Scheduler	pipeline			max-flow, genetic algorithm	234	930
MouraSCL08a [545]	8	reactive scheduling, order, scheduling, resource, transportation, re-scheduling, due-date, inventory, distributed		Channeling constraint, disjunctive, cumulative	C++	Ilog Scheduler, Ilog Solver	pipeline		real-world, benchmark	genetic algorithm, MINLP, meta heuristic	235	931
MurinR19 [548]	16	job-shop, Logic-Based Benders Decomposition, make-span, transportation, resource, scheduling, Benders Decomposition, completion-time, precedence, task, order, machine, setup-time, job, activity	JSPT	alternative constraint, noOverlap, endBeforeStart		Cplex, OPL	robot, patient		github, benchmark, real-life	genetic algorithm, large neighborhood search, meta heuristic	68	764

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
MurphyMB15 [549]	17	scheduling, task, machine, activity, periodic, stochastic, order, re-scheduling, resource		cycle, circuit, Disjunctive constraint, cumulative, disjunctive	Java	Choco Solver	meeting scheduling		real-world		135	831
Muscettola02 [550]	16	job-shop, resource, activity, job, cmax, stochastic, precedence, scheduling, order		cycle, Balance constraint						edge-finding, max-flow	313	1009
MusliuSS18 [551]	17	distributed, cyclic scheduling, activity, order, scheduling, manpower, task, machine		Regular constraint, cycle, Cardinality constraint		Gecode, Gurobi, MiniZinc	workforce scheduling, operating room, nurse		generated instance, benchmark, real-life	column generation	82	778
NattafM20 [565]	16	setup-time, scheduling, order, make-span, completion-time, flow-time, resource, bi-objective, machine, job	single machine, PMSP, parallel machine, PTC	cumulative, noOverlap		CPO, Cplex	semiconductor		benchmark, industrial instance		52	748
NishikawaSTT18 [568]	6	order, precedence, scheduling, make-span, resource, activity, task, distributed		alternative constraint, endBeforeStart		Cplex	pipeline, robot		real-world, benchmark	genetic algorithm	83	779
NishikawaSTT18a [569]	6	order, make-span, scheduling, resource, precedence, task, activity, distributed, re-scheduling		endBeforeStart, alternative constraint		Cplex	nurse, pipeline, robot		benchmark, real-life, real-world	genetic algorithm	84	780
NuijtenA94 [576]	5	resource, scheduling, preempt, machine, make-span, job, precedence, job-shop, preemptive, completion-time, order	JSSP	disjunctive, Disjunctive constraint	C++	Ilog Solver, CPO				time-tabling	347	1043
OddiPCC03 [580]	15	distributed, resource, machine, preempt, single-machine scheduling, scheduling, precedence, order, completion-time, task, activity, periodic	single machine	cycle	Java		satellite, earth observation		benchmark	meta heuristic	301	997
OuelletQ13 [584]	16	scheduling, task, preemptive, make-span, completion-time, precedence, order, preempt, resource	RCPSP, Resource-constrained Project Scheduling Problem, CuSP, psplib	Cumulatives constraint, cumulative, disjunctive		Choco Solver			benchmark	edge-finder, energetic reasoning, time-tabling, sweep, edge-finding, not-first, not-last	166	862
OuelletQ18 [585]	18	scheduling, task, make-span, completion-time, precedence, order, resource	RCPSP, psplib	Cumulatives constraint, cumulative, disjunctive	Java	Choco Solver			benchmark, RoadeF	energetic reasoning, time-tabling, edge-finding, not-first, not-last	85	781

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
OuelletQ22 [586]	17	scheduling, task, activity, completion-time, order, preempt, resource		GCC constraint, Cumulatives constraint, cumulative, Cardinality constraint, disjunctive, SoftCumulative	Java	MiniZinc, Choco Solver	nurse		github, benchmark, random instance	energetic reasoning, time-tabling, sweep, edge-finding, not-first, not-last, lazy clause generation	24	720
OujanaAYB22 [587]	6	due-date, tardiness, make to order, job-shop, buffer-capacity, setup-time, sequence dependent setup, open-shop, task, order, distributed, precedence, flow-shop, batch process, multi-objective, make-span, job, scheduling, completion-time, resource, machine, preempt	HFF, PMSP, parallel machine, FJS	span constraint, noOverlap, disjunctive		CPO, OPL	robot, COVID	steel industry, food industry	industrial instance, real-world, benchmark, real-life	genetic algorithm, particle swarm, meta heuristic	25	721
ParkUJR19 [596]	8	machine, order, tardiness, preempt, scheduling, make-span, completion-time, task, flow-time, cmax, job, lateness, stochastic, no preempt, distributed, due-date, job-shop, flow-shop, resource, open-shop	parallel machine, single machine	endBeforeStart, cycle, noOverlap				trade industry	real-world	meta heuristic	69	765
PembertonG98 [597]	14	preemptive, scheduling, machine, stochastic, periodic, order, job-shop, resource, activity, preempt, job, task		geost, cycle		Ilog Solver, OPL	robot, telescope, satellite				330	1026
PerezGSL23 [599]	7	inventory, order, transportation, re-scheduling, resource, scheduling, task, machine, activity, make-span, completion-time		table constraint, cumulative		OPL	container terminal, operating room, nurse, steel mill		real-world, generated instance	meta heuristic, large neighborhood search, mat heuristic	10	706
PerronSF04 [601]	14	resource, scheduling, job, job-shop, order, earliness, tardiness	RCPSP			Cplex				evolutionary computing, reinforcement learning, large neighborhood search	290	986
PesantRR15 [603]	16	transportation, scheduling, activity, order		cumulative, Cardinality constraint, Regular constraint, table constraint		Ilog Solver, Gecode, Gurobi	meeting scheduling			lazy clause generation	136	832
PoderB08 [607]	8	resource, release-date, preempt, due-date, preemptive, order, scheduling, producer/consumer, task, activity		cumulative		CHIP				sweep	236	932

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
PopovicCGNC22 [611]	15	order, completion-time, bi-objective, scheduling, machine, transportation, stochastic, make-span, sustainability, task, resource, activity, periodic	TMS	Balance constraint, cumulative, noOverlap, alwaysIn	C++, Prolog	SICStus, Cplex, CHIP	pipeline, maintenance scheduling	electricity industry		machine learning	26	722
PovedaAA23 [613]	21	unavailability, make-span, resource, job, precedence, Benders Decomposition, release-date, task, job-shop, preemptive, activity, order, scheduling, preempt	Resource-constrained Project Scheduling Problem, RCPSP	Calendar constraint, cumulative, disjunctive	Python	Cplex, MiniZinc, Chuffed, CPO	automotive, aircraft		github, benchmark, industrial instance, real-world, real-life	simulated annealing, lazy clause generation, meta heuristic, large neighborhood search, genetic algorithm, GRASP	11	707
Pralet17 [614]	19	setup-time, job, activity, job-shop, sequence dependent setup, resource, scheduling, precedence, due-date, order, make-span, machine	JSSP, RCPSP, psplib, Resource-constrained Project Scheduling Problem	cycle, cumulative, disjunctive		CPO, Cplex, CHIP	satellite		benchmark	meta heuristic, genetic algorithm, large neighborhood search	99	795
PraletLJ15 [615]	16	task, job-shop, activity, make-span, precedence, due-date, tardiness, order, resource, job, scheduling	JSSP	alternative constraint, Regular constraint, noOverlap, cycle disjunctive		CPO, Cplex	earth observation, satellite			large neighborhood search	137	833
Puget95 [618]	4	resource, task, job, order, scheduling, transportation, manpower, job-shop, activity				OPL	maintenance scheduling		benchmark		341	1037
QuSN06 [622]	4	task, scheduling, precedence, distributed, resource		circuit	Prolog	SICStus					257	953
QuirogaZH05 [623]	6	machine, release-date, breakdown, tardiness, scheduling, completion-time, resource, earliness, due-date, task, precedence, flow-shop, multi-objective, make-span, order, inventory, activity, flow-time				Ilog Solver, OPL, ECLiPSe, Ilog Scheduler	robot				276	972
Refalo00 [627]	15	transportation, order		Element constraint, Cardinality constraint, cycle, disjunctive, Arithmetic constraint, circuit, Among constraint		Ilog Solver, CHIP, Cplex	hoist			quadratic programming	323	1019

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
RendlPHPR12 [629]	17	job, scheduling, machine, periodic, transportation, re-scheduling, order			Java		medical, patient, nurse		real-world, CSPLib, benchmark	genetic algorithm, simulated annealing, memetic algorithm, meta heuristic, large neighborhood search	179	875
RiahiNS018 [630]	9	no-wait, flow-shop, completion-time, tardiness, order, buffer-capacity, sequence dependent setup, job, scheduling, blocking constraint, distributed, setup-time, machine, make-span		Blocking constraint			high performance computing	cutting industry, painting industry	real-world, real-life, benchmark	NEH, memetic algorithm, GRASP, genetic algorithm, ant colony, simulated annealing, meta heuristic	86	782
RodosekW98 [632]	15	order, resource, scheduling, task, transportation, machine, activity, make-span, job, cyclic scheduling		disjunctive, cycle, circuit, Disjunctive constraint	Prolog	OPL, CHIP, ECLiPSe, Cplex	hoist, electroplating		benchmark		331	1027
Rodriguez07b [635]	14	re-scheduling, task, blocking constraint, release-date, precedence, scheduling, transportation, order, no-wait, job-shop, resource, activity, job		Blocking constraint, Disjunctive constraint, circuit, disjunctive		Ilog Scheduler, Z3, Ilog Solver	railway, train schedule	railway industry		edge-finding	249	945
RodriguezS09 [637]	14	blocking constraint, completion-time, Benders Decomposition, precedence, scheduling, transportation, order, no-wait, Logic-Based Benders Decomposition, job-shop, resource, activity, job, task		Blocking constraint, Disjunctive constraint, circuit, disjunctive		Ilog Scheduler, Ilog Solver	railway, train schedule			edge-finding	220	916
RossiTHP07 [643]	15	stochastic, inventory, order, resource, periodic, scheduling, distributed, stock level		cumulative, cycle		OPL, Choco Solver					250	946
Sadykov04 [647]	7	release-date, scheduling, completion-time, task, machine, job, lateness, one-machine scheduling, due-date, preempt, precedence	parallel machine, single machine	disjunctive						column generation, edge-finding, genetic algorithm	291	987
SchausD08 [650]	6	precedence, order, preemptive, task, preempt		IloPack, bin-packing, Reified constraint, Element constraint		Ilog Solver, OPL			real-life, benchmark	large neighborhood search	237	933

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
SchuttCSW12 [656]	17	scheduling, resource, preempt, net present value, order, activity, precedence, make-span, preemptive	Resource-constrained Project Scheduling Problem	cumulative		CHIP			benchmark	lazy clause generation	180	876
SchuttFS13 [658]	17	resource, job, scheduling, task, job-shop, machine, activity, make-span, completion-time, precedence, net present value, order	RCPSP, FJS	disjunctive, Disjunctive constraint, span constraint, alternative constraint, cumulative		MiniZinc			benchmark	lazy clause generation, energetic reasoning, time-tabling, large neighborhood search	167	863
SchuttFS13a [657]	17	make-span, preemptive, scheduling, completion-time, resource, machine, preempt, task, order, activity, precedence	psplib, Resource-constrained Project Scheduling Problem, RCPSP	circuit, disjunctive, cumulative		SCIP, CHIP			benchmark	not-last, lazy clause generation, energetic reasoning, edge-finding	168	864
SchuttFSW09 [659]	16	scheduling, resource, machine, preempt, periodic, open-shop, task, order, activity, precedence, make-span, preemptive, job	psplib, Resource-constrained Project Scheduling Problem	Disjunctive constraint, disjunctive, cumulative		ECLiPSe, CHIP, SICStus			real-world, benchmark	lazy clause generation, edge-finder	221	917
SchuttS16 [664]	17	machine, precedence, order, inventory, activity, preempt, manpower, scheduling, make-span, producer/consumer, preemptive, resource, net present value	Resource-constrained Project Scheduling Problem, RCPSP	Balance constraint, Cumulatives constraint, cumulative		Chuffed, MiniZinc, OPL, Ilog Scheduler			benchmark	lazy clause generation	117	813
SchuttW10 [665]	15	order, activity, preempt, release-date, scheduling, make-span, task, preemptive, due-date, resource	CuSP, psplib, RCPSP	disjunctive, Disjunctive constraint, cumulative	Java	CHIP	rectangle-packing		benchmark	not-last, edge-finding, lazy clause generation, not-first	209	905
SchuttWS05 [666]	15	task, preemptive, due-date, machine, order, preempt, resource, release-date, scheduling		cumulative, disjunctive		OPL, CHIP			benchmark	not-last	277	973
SerraNM12 [667]	17	inventory, preempt, resource, precedence, order, activity, release-date, preemptive, unavailability, scheduling, machine		cumulative, alwaysIn, cycle		OPL, Cplex			real-world, benchmark	GRASP, meta heuristic	181	877

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SialaAH15 [674]	10	make-span, task, cmax, job, job-shop, resource, open-shop, machine, precedence, order, tardiness, setup-time, earliness, scheduling	RCPSP, Resource-constrained Project Scheduling Problem, JSSP	Disjunctive constraint, cumulative, disjunctive		Mistral			github, benchmark	large neighborhood search, edge-finding, lazy clause generation, conflict-driven clause learning	138	834
SimoninAHL12 [675]	15	resource, activity, scheduling, task, preemptive, precedence, periodic, preempt, order		disjunctive, span constraint, cycle, cumulative		CHIP	satellite			sweep	182	878
Simonis95 [678]	4	scheduling, task, producer/consumer, resource, transportation, machine, precedence, order		diffn, Among constraint, cumulative, cycle, circuit	Prolog	CHIP	aircraft	food industry			342	1038
Simonis95a [677]	21	scheduling, manpower, task, machine, job, precedence, distributed, stock level, due-date, order, inventory, producer/consumer, resource		cycle, diffn, circuit, cumulative	Prolog, C++	OPL, CHIP	aircraft, pipeline, business process	chemical industry, drawing industry	real-life, benchmark		343	1039
Simonis99 [679]	39	scheduling, task, producer/consumer, job, stochastic, inventory, due-date, manpower, resource, transportation, stock level, machine, precedence, order, activity		disjunctive, Disjunctive constraint, diffn, cumulative, alldifferent, cycle, circuit	C++, Prolog	OPL, CHIP, ECLiPSe, SICStus	aircraft, pipeline, maintenance scheduling, business process, nurse	chemical industry, food industry, process industry	benchmark, real-world, real-life	meta heuristic, bi-partite matching	326	1022
SimonisC95 [682]	14	scheduling, manpower, task, transportation, machine, job, stock level, continuous-process, job-shop, due-date, flow-shop, order, inventory, batch process, producer/consumer, resource		diffn, cumulative	Prolog	CHIP	aircraft, pipeline, maintenance scheduling	food industry	real-life		344	1040
SimonisH11 [683]	14	preempt, manpower, task, preemptive, order, producer/consumer, resource, scheduling		Element constraint, CumulativeCost, Cumulatives constraint, cumulative		Choco Solver, CHIP, Cplex			real-life, real-world	sweep, edge-finding	197	893

Table 3: Automatically Extracted PAPER Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
SquillaciPR23 [686]	17	multi-agent, distributed, multi-objective, periodic, task, resource, activity, order, scheduling	EOSP, OSP, Earth Observation Scheduling Problem	noOverlap	Python	Cplex	earth orbit, earth observation, satellite		github, benchmark	large neighborhood search, meta heuristic, simulated annealing, neural network, GRASP, column generation	12	708
SunLYL10 [690]	6	task, order, distributed, periodic, scheduling		cycle		OPL, Cplex	automotive			simulated annealing	210	906
SvancaraB22 [692]	8	multi-agent, batch process, make-span, order, activity, scheduling, resource, task		alternative constraint, noOverlap			train schedule, railway		benchmark, real-world	reinforcement learning, time-tabling	27	723
SzerediS16 [693]	10	task, preemptive, machine, activity, net present value, order, preempt, make-span, resource, precedence, scheduling	RCPSP, Resource-constrained Project Scheduling Problem, psplib	Element constraint, cumulative		Cplex, MiniZinc, SCIP, Chuffed, Gecode			benchmark	lazy clause generation	118	814
TanT18 [695]	12	flow-shop, Benders Decomposition, machine, single-machine scheduling, cmax, release-date, job-shop, task, scheduling, completion-time, precedence, make-span, re-scheduling, Logic-Based Benders Decomposition, job, setup-time	single machine, parallel machine	Disjunctive constraint, disjunctive		Cplex	medical, operating room, patient, robot		benchmark	genetic algorithm, meta heuristic	87	783
TangB20 [698]	16	job, flow-shop, resource, make-span, scheduling, Logic-Based Benders Decomposition, tardiness, due-date, order, batch process, machine, two-stage scheduling, precedence, Benders Decomposition	HFS, 2BPHFSP, single machine	span constraint, bin-packing, alwaysIn, Cardinality constraint, Element constraint, cycle, endBeforeStart, GCC constraint	Java	CPO, Cplex	semiconductor	manufacturing industry	real-world	simulated annealing	53	749
TardivoDFMP23 [700]	18	activity, order, scheduling, task, precedence, preempt, make-span, resource	RCPSP, psplib, CuSP	cumulative, disjunctive, Cumulatives constraint	C++	CHIP, Gecode, MiniZinc			benchmark, bit-bucket, github, real-world	lazy clause generation, sweep, energetic reasoning, not-last, not-first, edge-finding, time-tabling	13	709

Table 3: Automatically Extracted PAPER Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
TasselGS23 [701]	9	flow-shop, completion-time, order, tardiness, resource, scheduling, preempt, flow-time, task, machine, re-scheduling, make-span, job, precedence, periodic, job-shop	JSSP	cumulative, disjunctive, noOverlap	Java	Choco Solver			industrial instance, real-world, supplementary material, github, benchmark	genetic algorithm, neural network, machine learning, simulated annealing, reinforcement learning, meta heuristic, large neighborhood search	14	710
Teppan22 [704]	8	job-shop, make-span, cmax, preempt, distributed, resource, scheduling, flow-shop, task, order, completion-time, machine, setup-time, job	parallel machine, JSSP, PTC, FJS	noOverlap, end-BeforeStart	Java	OR-Tools, OPL			benchmark, real-life	genetic algorithm	28	724
Tesch16 [707]	27	job, resource, make-span, scheduling, order, completion-time, precedence	CuSP, psplib, RCPSP	cumulative, disjunctive	C++	OPL			Roadef	large neighborhood search, energetic reasoning, not-first, sweep, edge-finding, not-last, time-tabling	119	815
Tesch18 [708]	17	preempt, task, job, release-date, resource, make-span, scheduling, single-machine scheduling, due-date, order, machine, completion-time, preemptive, precedence, lateness	CuSP, Resource-constrained Project Scheduling Problem, psplib, RCPSP, single machine	cumulative					Roadef	energetic reasoning, sweep, edge-finding, not-last, time-tabling	88	784
ThiruvadyBME09 [709]	15	due-date, stochastic, make-span, resource, setup-time, tardiness, open-shop, machine, single-machine scheduling, job, scheduling, order	single machine	cumulative	C++	Gecode				ant colony, meta heuristic	222	918
ThomasKS20 [711]	18	order, transportation, resource, scheduling, activity		cumulative	C , Java	CPO, OR-Tools, OPL, Cplex	medical, patient		CSplib, benchmark, generated instance, bit-bucket	large neighborhood search	54	750
Thorsteinsson01 [712]	15	order, Benders Decomposition, scheduling, job, machine, precedence, task, due-date, Logic-Based Benders Decomposition	parallel machine	alldifferent, cumulative, circuit, Arithmetic constraint		OPL					318	1014

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
Tom19 [714]	6	task, tardiness, single-machine scheduling, resource, job-shop, job, re-scheduling, activity, scheduling, make-span, machine, transportation, multi-objective	single machine		Java	OPL			real-world	genetic algorithm, simulated annealing	70	766
TouatBT22 [717]	8	job, unavailability, no preempt, distributed, due-date, job-shop, flow-shop, resource, planned maintenance, machine, precedence, order, tardiness, activity, preempt, release-date, earliness, periodic, single-machine scheduling, scheduling, make-span, completion-time, multi-objective, task	RCPSP, single machine	noOverlap		Cplex, OPL	robot, satellite, container terminal		generated instance, benchmark	time-tabling, meta heuristic	29	725
Touraivane95 [718]	3	order, scheduling, task			Prolog		crew-scheduling		real-life		345	1041
TranB12 [720]	6	setup-time, due-date, Benders Decomposition, release-date, resource, make-span, scheduling, single-machine scheduling, Logic-Based Benders Decomposition, sequence dependent setup, tardiness, job, order, machine, completion-time, distributed, precedence, cmax	PMSP, single machine, parallel machine	cycle, circuit	C++	Cplex			benchmark	column generation, meta heuristic, ant colony, simulated annealing	183	879
TranDRFWOVB16 [721]	9	resource, activity, re-scheduling, job, order, scheduling, machine, stochastic, task, job-shop, precedence		cycle	Python	OPL	aircraft			simulated annealing, neural network, deep learning, meta heuristic	120	816
TranTDB13 [723]	9	flow-shop, resource, cmax, machine, job, re-scheduling, stochastic, setup-time, scheduling, order, make-span, task, flow-time, periodic, distributed	parallel machine	cycle	C++	Cplex			real-world	ant colony	169	865
TranVNB17a [725]	5	scheduling, task, transportation, machine, activity, setup-time, order, multi-objective, resource		alternative constraint, cumulative		Cplex	medical, robot		real-world		100	796
TranWDRFOVB16 [726]	9	job, order, single-machine scheduling, scheduling, task, precedence, stochastic, activity, job-shop, machine	single machine	cumulative, cycle	Python	OPL, Ilog Scheduler	robot, satellite		benchmark	neural network, deep learning, meta heuristic, simulated annealing	121	817
ValleMGT03 [732]	8	machine, order, scheduling, transportation, make-span, resource, job, precedence, task, job-shop				Ilog Solver	robot		real-life	edge-finder	302	998

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
VanczaM01 [737]	15	resource, machine, order, Pareto, scheduling, precedence, multi-objective, task	Open Shop Scheduling Problem	cycle, disjunctive, Disjunctive constraint		Cplex, OPL	robot		real-world, real-life	genetic algorithm	319	1015
VerfaillieL01 [738]	15	stochastic, task, job-shop, job, open-shop, order, scheduling		cycle			earth observation, satellite			genetic algorithm, simulated annealing	320	1016
Vilim02 [739]	1	resource, scheduling, precedence, sequence dependent setup, batch process, activity, setup-time		cumulative, disjunctive						edge-finding	314	1010
Vilim03 [740]	1	job, open-shop, order, scheduling, job-shop		cumulative, disjunctive						edge-finding, not-last	303	999
Vilim04 [741]	13	task, job, order, resource, scheduling, precedence, sequence dependent setup, batch process, machine, completion-time, activity, setup-time, job-shop		cumulative, disjunctive					benchmark	edge-finding, sweep, not-last	292	988
Vilim05 [742]	14	preempt, task, job, open-shop, order, resource, make-span, scheduling, precedence, machine, completion-time, activity, preemptive, job-shop		cumulative, disjunctive	C++				benchmark	not-last	278	974
Vilim09 [743]	15	preempt, job, order, resource, scheduling, precedence, completion-time, activity, preemptive, job-shop		cumulative, cycle		CPO				energetic reasoning, edge-finding, not-first, not-last	223	919
Vilim09a [744]	15	preemptive, order, scheduling, completion-time, task, activity, resource, preempt		cycle, cumulative		Ilog Scheduler				edge-finding, not-last, energetic reasoning	224	920
Vilim11 [745]	16	preempt, task, order, resource, scheduling, precedence, machine, completion-time, activity, preemptive, manpower	psplib, RCPSP	cumulative, disjunctive, cycle					benchmark	large neighborhood search, energetic reasoning, edge-finding, sweep, not-last, time-tabling	198	894
VilimBC04 [746]	15	scheduling, make-span, completion-time, job, distributed, job-shop, resource, open-shop, machine, precedence, order, activity		disjunctive, cumulative					benchmark, real-life	edge-finding, not-first, not-last	293	989

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
VilimLS15 [748]	17	machine, precedence, order, activity, earliness, periodic, scheduling, make-span, completion-time, task, cmax, job, job-shop, resource	Resource-constrained Project Scheduling Problem, psplib, RCPSP	disjunctive, noOverlap, cumulative		Cplex, CPO	rectangle-packing		benchmark	time-tabling, large neighborhood search, machine learning, genetic algorithm	139	835
Wallace06 [753]	32	earliness, Logic-Based Benders Decomposition, task, resource, machine, job, job-shop, transportation, scheduling, Benders Decomposition, order, cyclic scheduling, tardiness		cycle, Channeling constraint, circuit		Z3, CHIP, Cplex, ECLiPSe, OPL	workforce scheduling, hoist		benchmark, real-world, RoadeF	Lagrangian relaxation, simulated annealing, column generation, genetic algorithm, ant colony, meta heuristic	258	954
WangB20 [755]	8	unavailability, task, resource, scheduling, job, order, machine, distributed	Fixed Job Scheduling, FJS	AllDiff constraint, alldifferent, Min-WeightAllDiff, WeightAllDiff		Gurobi	aircraft		github	genetic algorithm	55	751
WangB23 [756]	8	unavailability, task, resource, scheduling, job, order, transportation	Fixed Job Scheduling, FJS	alldifferent, Channeling constraint, Min-WeightAllDiff, WeightAllDiff		Gurobi	crew-scheduling, operating room, aircraft		random instance, real-world	genetic algorithm, lazy clause generation	15	711
WatsonB08 [759]	15	job-shop, resource, machine, order, periodic, scheduling, make-span, completion-time, cmax, job		disjunctive	C++	Ilog Scheduler			real-world, benchmark	meta heuristic, simulated annealing	238	934
WessenCS20 [761]	10	make-span, completion-time, precedence, order, multi-agent, job, scheduling, task, job-shop		circuit		Gecode	robot		real-world		56	752
WinterMMW22 [763]	18	tardiness, setup-time, task, order, distributed, Pareto, precedence, bi-objective, release-date, job, scheduling, completion-time, resource, machine, due-date	PMSP, parallel machine	noOverlap, alternative constraint		CPO, Gurobi, Cplex	farming	manufacturing industry, agricultural industry	supplementary material, zenodo, industrial partner, benchmark, real-life, industry partner	genetic algorithm, MIQP, simulated annealing, meta heuristic, quadratic programming, large neighborhood search, mat heuristic	30	726

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
Wolf03 [764]	15	resource, job, machine, job-shop, task, order, preempt, scheduling, preemptive, completion-time, make-span, activity		cumulative, Disjunctive constraint, disjunctive	Java		pipeline		benchmark	not-last, edge-finding, genetic algorithm, not-first, sweep	304	1000
Wolf05 [765]	15	resource, job, machine, job-shop, task, order, preempt, scheduling, preemptive, completion-time, precedence, make-span, activity		cumulative	Java	Ilog Scheduler			benchmark	not-last, edge-finding, not-first, sweep	279	975
Wolf09 [769]	17	resource, job, machine, job-shop, task, order, preempt, scheduling, preemptive		WeightedSum, Weighted-TaskSum	Java	CHIP, SICStus, OPL	operating room, patient, surgery		real-life	not-last, edge-finding, not-first, sweep	225	921
Wolf11 [766]	17	distributed, resource, inventory, machine, producer/consumer, task, order, preempt, scheduling, preemptive, sequence dependent setup, activity, transportation, setup-time	single machine	cumulative, Element constraint, Cumulatives constraint, alternative constraint	Java	CHIP, OPL	medical, nurse, physician, operating room, patient, surgery			ant colony	199	895
WolfS05 [768]	14	order, completion-time, scheduling, distributed, preemptive, preempt, activity, task, resource		cumulative		CHIP			real-world	energetic reasoning, sweep, not-last	280	976
WolinskiKG04 [770]	8	resource, precedence, scheduling, machine, order, distributed	SCC	Diff2 constraint, cycle	Java		pipeline				295	991
WuBB05 [771]	1	stochastic, resource, job, release-date, scheduling, make-span				Ilog Scheduler			benchmark		281	977
YangSS19 [773]	10	resource, preempt, preemptive, order, scheduling, completion-time, machine, task, activity		cumulative, disjunctive	Prolog	Choco Solver, Gecode, CHIP, OR-Tools, SICStus, OPL	evacuation, rectangle-packing		generated instance	energetic reasoning, edge-finding, not-last, lazy clause generation	71	767
YoungFS17 [775]	10	preemptive, scheduling, make-span, task, resource, machine, precedence, order, activity, preempt	psplib, RCPSP, Resource-constrained Project Scheduling Problem	disjunctive, cumulative		Chuffed, MiniZinc			benchmark, github, instance generator	lazy clause generation, column generation, time-tabling, Lagrangian relaxation	101	797
YuraszeckMC23 [778]	6	job, open-shop, order, scheduling, due-date, make-span, precedence, preemptive, cmax, stochastic, distributed, preempt, job-shop, flow-time, release-date, machine	OSSP, JSSP	noOverlap					benchmark, github	meta heuristic, ant colony	16	712

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
ZampelliVSDR13 [782]	17	order, lateness, preempt, transportation, task, stochastic, completion-time, resource, setup-time, activity, tardiness, distributed, preemptive, scheduling		cumulative, cycle		SCIP	container terminal	maritime industry	real-world, industrial partner, random instance, industrial instance	meta heuristic, Lagrangian relaxation, large neighborhood search	170	866
ZhangBB22 [791]	9	preempt, scheduling, precedence, order, make-span, completion-time, task, distributed, one-machine scheduling, job-shop, resource, cmax, machine, job, lateness	single machine	disjunctive, span constraint, Disjunctive constraint, cycle	Python	OPL, Gurobi, CPO			benchmark, generated instance	meta heuristic, large neighborhood search, quadratic programming	31	727
ZhangJZL22 [790]	6	resource, scheduling, task, transportation, machine, make-span, job, precedence, stochastic, setup-time, due-date, single-machine scheduling, flow-shop, completion-time, order, multi-objective, tardiness	single machine, parallel machine, HFS	noOverlap, endBeforeStart, alternative constraint, cumulative			semiconductor		benchmark	machine learning, memetic algorithm, meta heuristic, genetic algorithm	32	728
ZhangLS12 [794]	4	scheduling, order, cmax								time-tabling, ant colony edge-finding	184	880
Zhou96 [795]	15	release-date, job-shop, due-date, task, order, scheduling, completion-time, precedence, job, machine		Disjunctive constraint, disjunctive	Prolog	Z3					339	1035
ZhouGL15 [797]	5	distributed, resource, tardiness, job-shop, flow-shop, re-scheduling, task, order, scheduling, stochastic, completion-time, machine, setup-time, job, online scheduling, make-span, transportation, cmax	HFF, FJS, HFS, parallel machine	cumulative		CHIP, Gecode, OR-Tools	railway		real-world	GRASP, particle swarm, genetic algorithm, NEH, meta heuristic	140	836
ZhuS02 [798]	5	activity, distributed, resource, scheduling					meeting scheduling				315	1011
ZibranR11 [800]	4	scheduling, order, activity			Java	Cplex, OPL				simulated annealing, genetic algorithm, meta heuristic	200	896
ZibranR11a [801]	10	scheduling, distributed, activity, order, resource				Cplex, OPL				meta heuristic, time-tabling, genetic algorithm, simulated annealing	201	897

2.3 Manually Defined Fields

Table 4: Manually Defined PAPER Properties

Key	Title (Local Copy)	CP System	Bench	Links	Data Avail	Sol Avail	Code Avail	Related To	Classification	Constraints	a	b
BonninMNE24 BonninMNE24 [138]	Toward a Global Constraint for Minimizing the Flowtime		benchmark, real-life	0							1	418
AalianPG23 AalianPG23 [1]	Optimization of Short-Term Underground Mine Planning Using Constraint Programming	CP Opt	real-world	1	n		n			?	2	354
Bit-Monnot23 Bit-Monnot23 [118]	Enhancing Hybrid CP-SAT Search for Disjunctive Scheduling	ARIES CP Opt OR-Tools Mistral OR-Tools	benchmark, real-world, github	1	y		y	-	JSSP OSSP	-	3	407
EfthymiouY23 EfthymiouY23 [238]	Predicting the Optimal Period for Cyclic Hoist Scheduling Problems		generated instance, benchmark, random instance, real-life, industrial instance	3	n		n	-	CHSP	-	4	457
JuvinHHL23 JuvinHHL23 [407]	An Efficient Constraint Programming Approach to Preemptive Job Shop Scheduling	CP Opt Mistral	github, benchmark, supplementary material	6	ref		y		PJSSP	endBeforeStart span noOverlap	5	525
JuvinHL23 JuvinHL23 [409]	Constraint Programming for the Robust Two-Machine Flow-Shop Scheduling Problem with Budgeted Uncertainty	CP Opt Cplex	real-world	0	ref		n	-	Perm FSSP	endBeforeStart noOverlap	6	526
KameugneFND23 KameugneFND23 [415]	Horizontally Elastic Edge Finder Rule for Cumulative Constraint Based on Slack and Density	?	benchmark	5	BL PSPLib		n	-	RCPSPs	sameSequence cumulative	7	529
KimCMLLP23 KimCMLLP23 [425]	Iterated Greedy Constraint Programming for Scheduling Steelmaking Continuous Casting	Gurobi OR-Tools	real-world, zenodo, benchmark	0	y		n	-	SCC	alternative noOverlap	8	534
Mehdizadeh-Somarin23 Mehdizadeh-Somarin23 [522]	A Constraint Programming Model for a Reconfigurable Job Shop Scheduling Problem with Machine Availability	CP Opt	random instance	0	n		n	-	JSSP RMS	alternative endBeforeStart noOverlap	9	579
PerezGSL23 PerezGSL23 [599]	A Constraint Programming Model for Scheduling the Unloading of Trains in Ports	custom	real-world, generated instance	0	n		n	-	SUTP	table disjunctive	10	603
PovedaAA23 PovedaAA23 [613]	Partially Preemptive Multi Skill/Mode Resource-Constrained Project Scheduling with Generalized Precedence Relations and Calendars	CP Opt MiniZinc Chuffed	github, benchmark, industrial instance, real-world, real-life	4	y		y		PP-MS- MMRCPSP/max-cal		11	608
SquillaciPR23 SquillaciPR23 [686]	Scheduling Complex Observation Requests for a Constellation of Satellites: Large Neighborhood Search Approaches	Cplex Studio	github, benchmark	2	y		n	-	EOSP	?	12	638
TardivoDFMP23 TardivoDFMP23 [700]	Constraint Propagation on GPU: A Case Study for the Cumulative Constraint	MiniCPP MiniZinc	benchmark, bitbucket, github, real-world	9	PSPLib BL Pack		y	-	RCPSP	cumulative	13	644
TasselGS23 TasselGS23 [701]	An End-to-End Reinforcement Learning Approach for Job-Shop Scheduling Problems Based on Constraint Programming	custom Choco	industrial instance, real-world, supplementary material, github, benchmark	0	ref		y	-	JSSP	noOverlap	14	645
WangB23 WangB23 [756]	Dynamic All-Different and Maximal Cliques Constraints for Fixed Job Scheduling	FaCiLe	random instance, real-world	0	(y)		n	[755]	FJS	-	15	674
YuraszeckMC23 YuraszeckMC23 [778]	A competitive constraint programming approach for the group shop scheduling problem	CP Opt	benchmark, github	0	ref		n	-	GSSP	noOverlap endBeforeStart	16	687

Table 4: Manually Defined PAPER Properties

Key	Title (Local Copy)	CP System	Bench	Links	Data Avail	Sol Avail	Code Avail	Related To	Classification	Constraints	a	b
ArmstrongGOS22 ArmstrongGOS22 [33]	A Two-Phase Hybrid Approach for the Hybrid Flexible Flowshop with Transportation Times	CP Opt	real-world, benchmark	0	(y)		-	[32]	$HFFm tt C_{\max}$	endBeforeStart alternative cumulative noOverlap	17	367
BoudreaultSLQ22 BoudreaultSLQ22 [144]	A Constraint Programming Approach to Ship Refit Project Scheduling	MiniZinc Chuffed	supplementary material, gitlab, benchmark, generated instance, real-life, industrial partner, github, real-world	9			y	-	RCPSP	cumulative	18	420
GeitzGSSW22 GeitzGSSW22 [294]	Solving the Extended Job Shop Scheduling Problem with AGVs - Classical and Quantum Approaches	firstCS QUBO	real-world, real-life, github	8	y		n	-	JSSP		19	483
HebrardALLCMR22 HebrardALL-CMR22 [353]	An Efficient Approach to Data Transfer Scheduling for Long Range Space Exploration			0							20	504
JungblutK22 JungblutK22 [405]	Optimal Schedules for High-Level Programming Environments on FPGAs with Constraint Programming	MiniZinc	benchmark, github, real-world	0	y		y	-			21	524
LiFJZLL22 LiFJZLL22 [469]	Constraint Programming for a Novel Integrated Optimization of Blocking Job Shop Scheduling and Variable-Speed Transfer Robot Assignment	OPL CP Opt	benchmark	0	ref		n	-	BJSSP	endBeforeStart alternative noOverlap	22	555
LuoB22 LuoB22 [503]	Packing by Scheduling: Using Constraint Programming to Solve a Complex 2D Cutting Stock Problem	CPO	real-life, industry partner, real-world, generated instance, github, industrial instance	2	n		n	-	2SCSP-FF	pulse alwaysIn forbidExtent stateFunction	23	571
OuelletQ22 OuelletQ22 [586]	A MinCumulative Resource Constraint	Choco	github, benchmark, random instance	1	y		y	-		cumulative minCumulative	24	599
OujanaAYB22 OujanaAYB22 [587]	Solving a realistic hybrid and flexible flow shop scheduling problem through constraint programming: industrial case in a packaging company	CP Opt	industrial instance, real-world, benchmark, real-life	0	n		n	-	HFFS	alternative span noOverlap endBeforeStart	25	600
PopovicCGNC22 PopovicCGNC22 [611]	Scheduling the Equipment Maintenance of an Electric Power Transmission Network Using Constraint Programming	CP Opt		0	n		n	-	TMS	alwaysIn noOverlap	26	607
SvancaraB22 SvancaraB22 [692]	Tackling Train Routing via Multi-agent Pathfinding and Constraint-based Scheduling		benchmark, real-world	0							27	640
Teppan22 Teppan22 [704]	Types of Flexible Job Shop Scheduling: A Constraint Programming Experiment	OPL	benchmark, real-life	0	ref		n	-	FJSSP	noOverlap alternative endBeforeStart noOverlap	28	646
TouatBT22 TouatBT22 [717]	A Constraint Programming Model for the Scheduling Problem with Flexible Maintenance under Human Resource Constraints	OPL	generated instance, benchmark	0	n		n	-	Single Machine Scheduling	alternative noOverlap forbidExtent	29	653
WinterMMW22 WinterMMW22 [763]	Modeling and Solving Parallel Machine Scheduling with Contamination Constraints in the Agricultural Industry	Cplex Gurobi CP Opt Sim Anneal	supplementary material, zenodo, industrial partner, benchmark, real-life, industry partner	0	y		y	-	PMSP	alternative noOverlap	30	677

Table 4: Manually Defined PAPER Properties

Key	Title (Local Copy)	CP System	Bench	Links	Data Avail	Sol Avail	Code Avail	Related To	Classification	Constraints	a	b
ZhangBB22 ZhangBB22 [791]	Solving Job-Shop Scheduling Problems with QUBO-Based Specialized Hardware		benchmark, generated instance	0							31	689
ZhangJZL22 ZhangJZL22 [790]	Constraint Programming for Modeling and Solving a Hybrid Flow Shop Scheduling Problem	OP Opt	benchmark	0	ref		n	-	HFSP	alternative endBeforeStart noOverlap cumulative	32	690
AntuoriHHEN21 AntuoriHHEN21 [26]	Combining Monte Carlo Tree Search and Depth First Search Methods for a Car Manufacturing Workshop Scheduling Problem	MCTS	gitlab, supplementary material	1	y		y				33	364
ArmstrongGOS21 ArmstrongGOS21 [32]	The Hybrid Flexible Flowshop with Transportation Times	MiniZinc Chuffed CP Opt SICStus	instance generator, industry partner, zenodo, supplementary material, real-world, industrial partner, benchmark	1	y		y	-	$HFFm tt C_{\max}$	cumulative diffn table	34	366
ArtiguesHQT21 ArtiguesHQT21 [39]	Multi-Mode RCPSP with Safety Margin Maximization: Models and Algorithms			4							35	370
Astrand0F21 Astrand0F21 [45]	Short-Term Scheduling of Production Fleets in Underground Mines Using CP-Based LNS	Gecode	benchmark, real-life, real-world, generated instance	0	ref generated		n	-		-	36	372
BenderWS21 BenderWS21 [103]	Applying Constraint Programming to the Multi-mode Scheduling Problem in Harvest Logistics	CP Opt		9	y		n	-	MRCPSP	noOverlap alternative	37	397
GeibingerKKMMW21 GeibingerKKMMW21 [290]	Physician Scheduling During a Pandemic	MiniZinc	real-world	3	y		n	-		nvalue	38	480
GeibingerMM21 GeibingerMM21 [293]	Constraint Logic Programming for Real-World Test Laboratory Scheduling	clingcon	github, real-world, benchmark, real-life, generated instance	0	y				TLSP RCPSP	disjunctive	39	482
HanenKP21 HanenKP21 [344]	Two Deadline Reduction Algorithms for Scheduling Dependent Tasks on Parallel Processors	Python	Roadef, generated instance, random instance	1	ref		n	-	$P prec, r_i, d_i *$	-	40	502
HillTV21 HillTV21 [373]	A Computational Study of Constraint Programming Approaches for Resource-Constrained Project Scheduling with Autonomous Learning Effects	CP Opt	real-world	0	PSPLib		n	-	RCPSP	cumulative alternative endBeforeStart	41	513
KlankeBYE21 KlankeBYE21 [426]	Combining Constraint Programming and Temporal Decomposition Approaches - Scheduling of an Industrial Formulation Plant	OR-Tools	random instance, benchmark, real-life	0	n		n	-		cumulative circuit noOverlap	42	535
KovacsTKSG21 KovacsTKSG21 [441]	Utilizing Constraint Optimization for Industrial Machine Workload Balancing	Gurobi OR-Tools Cplex CP Opt	github, supplementary material, real-world, benchmark	2	y		y	-	extended RCPSP	cumulative	43	541
LacknerMMWW21 LacknerMMWW21 [455]	Minimizing Cumulative Batch Processing Time for an Industrial Oven Scheduling Problem	CP Opt Chuffed OR-Tools Gurobi OPL	benchmark, instance generator, real-life, random instance, industrial partner, supplementary material	3	y		y		OSP		44	550

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Key	Title (Local Copy)	CP System	Bench	Links	Data Avail	Sol Avail	Code Avail	Related To	Classification	Constraints	a	b
AntuoriHHEN20 AntuoriHHEN20 [25]	Leveraging Reinforcement Learning, Constraint Programming and Local Search: A Case Study in Car Manufacturing		random instance, generated instance, gitlab, benchmark, industrial instance	4							45	363
BarzegaranZP20 BarzegaranZP20 [76]	Quality-Of-Control-Aware Scheduling of Communication in TSN-Based Fog Computing Platforms Using Constraint Programming	OR-Tools		5	n		n	-	FCP		46	385
GodetLHS20 GodetLHS20 [304]	Using Approximation within Constraint Programming to Solve the Parallel Machine Scheduling Problem with Additional Unit Resources	MiniZinc Choco Chuffed	real-life, benchmark, generated instance, github	0	JSON		y	-	PMSPAU	disjunctive cumulative alldifferent enqueueCstr approxCstr	47	489
GokGSTO20 GokGSTO20 [306]	Robust Resource Planning for Aircraft Ground Operations		real-world, Roadev	3							48	490
GroleazNS20 GroleazNS20 [324]	Solving the Group Cumulative Scheduling Problem with CPO and ACO	CP Opt ACO	industrial instance, benchmark	0	-		-	[324]	GCSP	groupCumulative	49	497
GroleazNS20a GroleazNS20a [323]	ACO with automatic parameter selection for a scheduling problem with a group cumulative constraint	CPO ACO	industrial partner, benchmark	0	y		n	-	GCSP	groupCumulative	50	498
Mercier-AubinGQ20 Mercier-AubinGQ20 [532]	Leveraging Constraint Scheduling: A Case Study to the Textile Industry	MiniZinc Chuffed	industrial instance, industrial partner benchmark, industrial instance	1	a		a	-		circuit cumulative	51	581
NattafM20 NattafM20 [565]	Filtering Rules for Flow Time Minimization in a Parallel Machine Scheduling Problem	Cplex CP Opt	benchmark, industrial instance	7	-		-	[512]	PTC	alternative noOverlap	52	592
TangB20 TangB20 [698]	CP and Hybrid Models for Two-Stage Batching and Scheduling	Cplex CP Opt	real-world	0	n		n	-	2BPHFSP	span alwaysIn	53	643
ThomasKS20 ThomasKS20 [711]	Insertion Sequence Variables for Hybrid Routing and Scheduling Problems		CSPLib, benchmark, generated instance, bit-bucket	3							54	650
WangB20 WangB20 [755]	Global Propagation of Transition Cost for Fixed Job Scheduling	FaCiLe	github	0	y		n	-	FJS	-	55	673
WessenCS20 WessenCS20 [761]	Scheduling of Dual-Arm Multi-tool Assembly Robots and Workspace Layout Optimization	Gecode	real-world	10	n		n	-		circuit alldifferent	56	676
BadicaBIL19 BadicaBIL19 [50]	Exploring the Space of Block Structured Scheduling Processes Using Constraint Logic Programming	ECLiPSe	github	0	dead		dead	-			57	374
BehrensLM19 BehrensLM19 [94]	A Constraint Programming Approach to Simultaneous Task Allocation and Motion Scheduling for Industrial Dual-Arm Manipulation Tasks	OR-Tools	github, real-world	0	y		y	-	STAAMS		58	392
BogaerdTW19 BogaerdTW19 [734]	Lower Bounds for Uniform Machine Scheduling Using Decision Diagrams	custom Cplex CPO CP Opt OR-Tools	benchmark	4	n		n	-	Multi Machine Scheduling	noOverlap	59	411
ColT19 ColT19 [194]	Industrial Size Job Shop Scheduling Tackled by Present Day CP Solvers		github, benchmark, real-world	2	y		y	-	JSSP	noOverlap	60	442
FrimodigS19 FrimodigS19 [275]	Models for Radiation Therapy Patient Scheduling	Mini-Zinc Gecode Cplex	benchmark, real-world	1	n		n	-		cumulative regular bin-packing	61	471

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FrohnerTR19 FrohnerTR19 [277]	Casual Employee Scheduling with Constraint Programming and Metaheuristics	OR-Tools	benchmark, real-world	0							62	472
GalleguillosKSB19 GalleguillosKSB19 [279]	Constraint Programming-Based Job Dispatching for Modern HPC Applications			5			y		on-line dispatch		63	474
GeibingerMM19 GeibingerMM19 [292]	Investigating Constraint Programming for Real World Industrial Test Laboratory Scheduling		real-world, benchmark, real-life, generated instance, industrial partner	3							64	481
KucukY19 KucukY19 [449]	A Constraint Programming Approach for Agile Earth Observation Satellite Scheduling Problem		benchmark, generated instance	0							65	546
LiuLH19 LiuLH19 [477]	Solving the Talent Scheduling Problem by Parallel Constraint Programming		benchmark, CSPlib	0							66	563
MalapertN19 MalapertN19 [512]	A New CP-Approach for a Parallel Machine Scheduling Problem with Time Constraints on Machine Qualifications		benchmark, generated instance, industrial instance, Roadef	3							67	577
MurinR19 MurinR19 [548]	Scheduling of Mobile Robots Using Constraint Programming	CP Opt Cplex OPL	github, benchmark, real-life	3	y		y		JSPT	endBeforeStart alternative noOverlap	68	588
ParkUJR19 ParkUJR19 [596]	Developing a Production Scheduling System for Modular Factory Using Constraint Programming		real-world	0							69	601
Tom19 Tom19 [714]	Fuzzy Multi-Constraint Programming Model for Weekly Meals Scheduling		real-world	0							70	652
YangSS19 YangSS19 [773]	Time Table Edge Finding with Energy Variables		generated instance	1							71	685
AntunesABD18 AntunesABD18 [23]	Assigning and Scheduling Service Visits in a Mixed Urban/Rural Setting		real-world, industry partner, industrial partner	0							72	362
ArbaouiY18 ArbaouiY18 [29]	Solving the Unrelated Parallel Machine Scheduling Problem with Additional Resources Using Constraint Programming		benchmark	0							73	365
AstrandJZ18 AstrandJZ18 [46]	Fleet Scheduling in Underground Mines Using Constraint Programming			0							74	373
BenediktSMVH18 BenediktSMVH18 [106]	Energy-Aware Production Scheduling with Power-Saving Modes	CPO Gurobi	github, random instance, generated instance	1	y		y	-	Energy Aware Production Scheduling		75	398
CappartTSR18 CappartTSR18 [164]	A Constraint Programming Approach for Solving Patient Transportation Problems		bitbucket, real-life, CSPlib	1							76	428
DemirovicS18 DemirovicS18 [218]	Constraint Programming for High School Timetabling: A Scheduling-Based Model with Hot Starts		benchmark, real-world	5							77	449
He0GLW18 He0GLW18 [352]	A Fast and Scalable Algorithm for Scheduling Large Numbers of Devices Under Real-Time Pricing	Gurobi Python	real-world, bitbucket	8	y		y	-	FSDN-DS DSP-MH-RTP		78	503
HoYLLC18 HoYLLC18 [375]	A Platform for Dynamic Optimal Nurse Scheduling Based on Integer Linear Programming along with Multiple Criteria Constraints		real-world	0							79	514

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KameugneFGOQ18 KameugneF-GOQ18 [414]	Horizontally Elastic Not-First/Not-Last Filtering Algorithm for Cumulative Resource Constraint		real-world, benchmark	0							80	528
Laborie18a Laborie18a [452]	An Update on the Comparison of MIP, CP and Hybrid Approaches for Mixed Resource Allocation and Scheduling		real-world, real-life, benchmark	0							81	549
MusliuSS18 MusliuSS18 [551]	Solver Independent Rotating Workforce Scheduling		generated instance, benchmark, real-life	2							82	591
NishikawaSTT18 NishikawaSTT18 [568]	Scheduling of Malleable Fork-Join Tasks with Constraint Programming		real-world, benchmark	0							83	593
NishikawaSTT18a NishikawaSTT18a [569]	Scheduling of Malleable Tasks Based on Constraint Programming		benchmark, real-life, real-world	0							84	594
OuelletQ18 OuelletQ18 [585]	A $O(n \log^2 n)$ Checker and $O(n^2 \log n)$ Filtering Algorithm for the Energetic Reasoning		benchmark, RoaDef	0							85	598
RiahiNS018 RiahiNS018 [630]	Local Search for Flowshops with Setup Times and Blocking Constraints		real-world, real-life, benchmark	0							86	616
TanT18 TanT18 [695]	Logic-Based Benders Decomposition for Two-Stage Flexible Flow Shop Scheduling with Unrelated Parallel Machines		benchmark	0							87	642
Tesch18 Tesch18 [708]	Improving Energetic Propagations for Cumulative Scheduling		RoaDef	0							88	648
BofillCSV17 BofillCSV17 [127]	An Efficient SMT Approach to Solve MRCPSP/max Instances with Tight Constraints on Resources		benchmark	2							89	408
CappartS17 CappartS17 [163]	Rescheduling Railway Traffic on Real Time Situations Using Time-Interval Variables	CPO	bitbucket, real-life, random instance	1	y		n	-	Rescheduling Railway Traffic		90	427
CohenHB17 CohenHB17 [192]	(I Can Get) Satisfaction: Preference-Based Scheduling for Concert-Goers at Multi-venue Music Festivals			12							91	441
GelainPRVW17 GelainPRVW17 [295]	A Local Search Approach for Incomplete Soft Constraint Problems: Experimental Results on Meeting Scheduling Problems		real-life, CSPLib, benchmark	2							92	484
GoldwaserS17 GoldwaserS17 [309]	Optimal Torpedo Scheduling	Chuffed Gurobi	github, generated instance, instance generator	4	y		n	-	Torpedo Scheduling		93	491
Hooker17 Hooker17 [388]	Job Sequencing Bounds from Decision Diagrams		benchmark, random instance	0							94	519
KletzanderM17 KletzanderM17 [427]	A Multi-stage Simulated Annealing Algorithm for the Torpedo Scheduling Problem			2							95	536
LiuCGM17 LiuCGM17 [480]	NightSplitter: A Scheduling Tool to Optimize (Sub)group Activities	Chuffed OR-Tools HCSP SA	github	11	n			-	NightSplit		96	561
Madi-WambaLOBM17 Madi-WambaLOBM17 [507]	Green Energy Aware Scheduling Problem in Virtualized Datacenters		real-world	0							97	574

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MossigeGSMC17 MossigeGSMC17 [544]	Time-Aware Test Case Execution Scheduling for Cyber-Physical Systems		real-world, benchmark, random instance, CSPlib, generated instance, industrial partner	4							98	585
Pralet17 Pralet17 [614]	An Incomplete Constraint-Based System for Scheduling with Renewable Resources		benchmark	1							99	609
TranVNB17a TranVNB17a [725]	Robots in Retirement Homes: Applying Off-the-Shelf Planning and Scheduling to a Team of Assistive Robots (Extended Abstract)		real-world	0							100	658
YoungFS17 YoungFS17 [775]	Constraint Programming Applied to the Multi-Skill Project Scheduling Problem		benchmark, github, instance generator	6							101	686
AmadiniGM16 AmadiniGM16 [21]	Parallelizing Constraint Solvers for Hard RCPSP Instances		benchmark, real-life, github	3							102	360
BonfiettiZLM16 BonfiettiZLM16 [137]	The Multirate Resource Constraint		generated instance, github, industrial instance, benchmark, real-world	1							103	417
BoothNB16 BoothNB16 [139]	A Constraint Programming Approach to Multi-Robot Task Allocation and Scheduling in Retirement Homes		real-world	0							104	419
BridiLBBM16 BridiLBBM16 [151]	DARDIS: Distributed And Randomized Dispatching and Scheduling			0							105	422
CatusseCBL16 CatusseCBL16 [175]	A Branch-and-Price Algorithm for Scheduling Observations on a Telescope			0							106	431
CauwelaertDMS16 CauwelaertDMS16 [176]	Efficient Filtering for the Unary Resource with Family-Based Transition Times		real-life, bit-bucket, benchmark	2							107	432
FontaineMH16 FontaineMH16 [266]	Parallel Composition of Scheduling Solvers		benchmark	2							108	464
FrankDT16 FrankDT16 [271]	Scheduling Ocean Color Observations for a GEO-Stationary Satellite			0							109	468
GilesH16 GilesH16 [300]	Solving a Supply-Delivery Scheduling Problem with Constraint Programming			0							110	486
GingrasQ16 GingrasQ16 [301]	Generalizing the Edge-Finder Rule for the Cumulative Constraint		benchmark	0							111	487
HechingH16 HechingH16 [357]	Scheduling Home Hospice Care with Logic-Based Benders Decomposition		real-world	0							112	506
JelinekB16 JelinekB16 [403]	Using Constraint Logic Programming to Schedule Solar Array Operations on the International Space Station		real-life	2							113	523
LimHTB16 LimHTB16 [472]	Online HVAC-Aware Occupancy Scheduling with Adaptive Temperature Control		real-world	4							114	557
LuoVLBM16 LuoVLBM16 [502]	Using Metric Temporal Logic to Specify Scheduling Problems			0							115	572
Madi-WambaB16 Madi-WambaB16 [506]	The TaskIntersection Constraint		real-world, benchmark, random instance, generated instance	3							116	573

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SchuttS16 SchuttS16 [664]	Explaining Producer/Consumer Constraints		benchmark	1							117	627
SzerediS16 SzerediS16 [693]	Modelling and Solving Multi-mode Resource-Constrained Project Scheduling		benchmark	2							118	641
Tesch16 Tesch16 [707]	A Nearly Exact Propagation Algorithm for Energetic Reasoning in $O(n^2 \log n)$		Roadef	1							119	647
TranDRFWOVB16 TranDRFWOVB16 [721]	A Hybrid Quantum-Classical Approach to Solving Scheduling Problems			0							120	656
TranWDRFOVB16 TranWDRFOVB16 [726]	Explorations of Quantum-Classical Approaches to Scheduling a Mars Lander Activity Problem		benchmark	0							121	659
BartakV15 BartakV15 [72]	Reactive Recovery from Machine Breakdown in Production Scheduling with Temporal Distance and Resource Constraints		real-world, real-life	0							122	383
BofillGSV15 BofillGSV15 [129]	MaxSAT-Based Scheduling of B2B Meetings		industrial instance	3							123	410
BurtLPS15 BurtLPS15 [156]	Scheduling with Fixed Maintenance, Shared Resources and Nonlinear Feedrate Constraints: A Mine Planning Case Study		industry partner, real-world, benchmark	5							124	424
CauwelaertLS15 CauwelaertLS15 [177]	Understanding the Potential of Propagators		benchmark, bitbucket	0							125	433
DejemeppeCS15 DejemeppeCS15 [214]	The Unary Resource with Transition Times		bitbucket, real-world, generated instance, benchmark	4							126	447
EvenSH15 EvenSH15 [250]	A Constraint Programming Approach for Non-preemptive Evacuation Scheduling		real-life, real-world	0							127	462
GayHLS15 GayHLS15 [284]	Conflict Ordering Search for Scheduling Problems		bitbucket, benchmark	0							128	476
GayHS15 GayHS15 [285]	Simple and Scalable Time-Table Filtering for the Cumulative Constraint		bitbucket	2							129	477
GayHS15a GayHS15a [286]	Time-Table Disjunctive Reasoning for the Cumulative Constraint		benchmark, real-world, bitbucket	0							130	478
KreterSS15 KreterSS15 [442]	Modeling and Solving Project Scheduling with Calendars		benchmark	3							131	544
LimBTBB15 LimBTBB15 [473]	Large Neighborhood Search for Energy Aware Meeting Scheduling in Smart Buildings		benchmark	3							132	556
LombardiBM15 LombardiBM15 [483]	Deterministic Estimation of the Expected Makespan of a POS Under Duration Uncertainty		benchmark, real-world	0							133	564
MelgarejoLS15 MelgarejoLS15 [14]	A Time-Dependent No-Overlap Constraint: Application to Urban Delivery Problems		real-world, benchmark	1							134	580
MurphyMB15 MurphyMB15 [549]	Design and Evaluation of a Constraint-Based Energy Saving and Scheduling Recommender System		real-world	3							135	589
PesantRR15 PesantRR15 [603]	A Comparative Study of MIP and CP Formulations for the B2B Scheduling Optimization Problem			1							136	605
PraletLJ15 PraletLJ15 [615]	Scheduling Running Modes of Satellite Instruments Using Constraint-Based Local Search			0							137	610
SialaAH15 SialaAH15 [674]	Two Clause Learning Approaches for Disjunctive Scheduling		github, benchmark	5							138	631
VilimLS15 VilimLS15 [748]	Failure-Directed Search for Constraint-Based Scheduling		benchmark	8							139	671

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ZhouGL15 ZhouGL15 [797]	On complex hybrid flexible flowshop scheduling problems based on constraint programming		real-world	0							140	693
AlesioNBG14 AlesioNBG14 [222]	Worst-Case Scheduling of Software Tasks - A Constraint Optimization Model to Support Performance Testing		benchmark	2							141	359
BartoliniBBLM14 BartoliniBBLM14 [73]	Proactive Workload Dispatching on the EURORA Supercomputer			4							142	384
BessiereHMQW14 BessiereHMQW14 [115]	Buffered Resource Constraint: Algorithms and Complexity		benchmark, real-life	0							143	405
BofillEGPSV14 BofillEGPSV14 [128]	Scheduling B2B Meetings		industrial in-stance	6							144	409
BonfiettiLM14 BonfiettiLM14 [135]	Disregarding Duration Uncertainty in Partial Order Schedules? Yes, We Can!		benchmark, real-world	2							145	415
DejemeppeD14 DejemeppeD14 [215]	Continuously Degrading Resource and Interval Dependent Activity Durations in Nuclear Medicine Patient Scheduling		bitbucket	0							146	448
DerrienP14 DerrienP14 [220]	A New Characterization of Relevant Intervals for Energetic Reasoning		random instance	0							147	450
DerrienPZ14 DerrienPZ14 [221]	A Declarative Paradigm for Robust Cumulative Scheduling		real-world, benchmark, random in-stance	0							148	451
DoulabiRP14 DoulabiRP14 [232]	A Constraint Programming-Based Column Generation Approach for Operating Room Planning and Scheduling			0							149	455
FriedrichFMRSS14 FriedrichFMRSS14 [274]	Representing Production Scheduling with Constraint Answer Set Programming			0							150	No
GaySS14 GaySS14 [287]	Continuous Casting Scheduling with Constraint Programming		real-life, CSPlib	0							151	479
HoundjiSWD14 HoundjiSWD14 [394]	The StockingCost Constraint		bitbucket, generated instance	0							152	521
KoschB14 KoschB14 [433]	A New MIP Model for Parallel-Batch Scheduling with Non-identical Job Sizes		benchmark	0							153	538
LipovetzkyBPS14 LipovetzkyBPS14 [476]	Planning for Mining Operations with Time and Resource Constraints		real-life, real-world, industrial partner, industry partner, benchmark, generated instance	0							154	560
LouieVNB14 LouieVNB14 [496]	An autonomous assistive robot for planning, scheduling and facilitating multi-user activities			0							155	569
BonfiettiLM13 BonfiettiLM13 [134]	De-Cycling Cyclic Scheduling Problems			0							156	414
ChuGNSW13 ChuGNSW13 [184]	On the Complexity of Global Scheduling Constraints under Structural Restrictions			0							157	436
CireCH13 CireCH13 [186]	Mixed Integer Programming vs. Logic-Based Benders Decomposition for Planning and Scheduling	CP Opt Cplex		1	dead		n	-			158	438
GuSS13 GuSS13 [327]	A Lagrangian Relaxation Based Forward-Backward Improvement Heuristic for Maximising the Net Present Value of Resource-Constrained Projects	Chuffed	benchmark	1	dead			-	RCPSDC	cumulative maxNVPProp	159	500

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HamdiL13 HamdiL13 [343]	Logic-based Benders decomposition to solve the permutation flowshop scheduling problem with time lags			0							160	No
HeinzKB13 HeinzKB13 [360]	Recent Improvements Using Constraint Integer Programming for Resource Allocation and Scheduling			0							161	508
KelarevaTK13 KelarevaTK13 [420]	CP Methods for Scheduling and Routing with Time-Dependent Task Costs	MiniZinc CPX G12FD SICStus Choco	real-world	5	ref		-	-	LSFRP BPCTOP	alldifferent alldifferentExcept	162	531
LetortCB13 LetortCB13 [466]	A Synchronized Sweep Algorithm for the k -dimensional cumulative Constraint		Roadef, bench- mark, random instance	2	PSPlib		-	-	RCPPSP	cumulative kDimensionalCum	163	554
LombardiM13 LombardiM13 [490]	A Min-Flow Algorithm for Minimal Critical Set Detection in Resource Constrained Project Scheduling			0							164	568
MalapertCGJLR13 MalapertCGJLR13 [511]	An Optimal Constraint Programming Approach to the Open-Shop Problem		benchmark, real-life	0							165	576
OuelletQ13 OuelletQ13 [584]	Time-Table Extended-Edge-Finding for the Cumulative Constraint		benchmark	1							166	597
SchuttFS13 SchuttFS13 [658]	Scheduling Optional Tasks with Explanation		benchmark	1							167	624
SchuttFS13a SchuttFS13a [657]	Explaining Time-Table-Edge-Finding Propagation for the Cumulative Resource Constraint	Mercury G12	benchmark	5	PSPlib AT BL Pack KSD15D PackD		-	-	RCPPSP	cumulative	168	625
TranTDB13 TranTDB13 [723]	Hybrid Queueing Theory and Scheduling Models for Dynamic Environments with Sequence-Dependent Setup Times		real-world	0							169	657
ZampelliVSDR13 ZampelliVSDR13 [782]	The Berth Allocation and Quay Crane Assignment Problem Using a CP Approach		real-world, industrial part- ner, random instance, indus- trial instance	1							170	688
BillautHL12 BillautHL12 [117]	Complete Characterization of Near-Optimal Sequences for the Two-Machine Flow Shop Scheduling Problem		random instance	0							171	406
BonfiettiLBM12 BonfiettiLBM12 [132]	Global Cyclic Cumulative Constraint		benchmark	3							172	413
BonfiettiM12 BonfiettiM12 [136]	A Constraint-based Approach to Cyclic Resource-Constrained Scheduling Problem		industrial in- stance	0							173	416
GuSW12 GuSW12 [329]	Maximising the Net Present Value of Large Resource-Constrained Projects		benchmark	2							174	501
HeinzB12 HeinzB12 [359]	Reconsidering Mixed Integer Programming and MIP-Based Hybrids for Scheduling			0							175	507
IfrimOS12 IfrimOS12 [397]	Properties of Energy-Price Forecasts for Scheduling		real-life	1							176	522
LetortBC12 LetortBC12 [465]	A Scalable Sweep Algorithm for the cumulative Constraint		Roadef, bench- mark, random instance	2							177	553
LozanoCDS12 LozanoCDS12 [497]	Constraint-Based Register Allocation and Instruction Scheduling		benchmark	0							178	570
RendlPHPR12 RendlPHPR12 [629]	Hybrid Heuristics for Multimodal Homecare Scheduling		real-world, CSPlib, bench- mark	2							179	615

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SchuttCSW12 SchuttCSW12 [656]	Maximising the Net Present Value for Resource-Constrained Project Scheduling		benchmark	1							180	623
SerraNM12 SerraNM12 [667]	The Offshore Resources Scheduling Problem: Detailing a Constraint Programming Approach		real-world, benchmark	4							181	630
SimoninAHL12 SimoninAHL12 [675]	Scheduling Scientific Experiments on the Rosetta/Philae Mission	MOST Ilog Scheduler		0	n		n	-		cumulative dataTransfer	182	632
TranB12 TranB12 [720]	Logic-based Benders Decomposition for Alternative Resource Scheduling with Sequence Dependent Setups		benchmark	0							183	655
ZhangLS12 ZhangLS12 [794]	Model and Solution for Hot Strip Rolling Scheduling Problem Based on Constraint Programming Method			0							184	691
BajestaniB11 BajestaniB11 [51]	Scheduling an Aircraft Repair Shop			0							185	375
Balduccini11 Balduccini11 [54]	Industrial-Size Scheduling with ASP+CP		benchmark	0							186	376
BonfiettiLBM11 BonfiettiLBM11 [131]	A Constraint Based Approach to Cyclic RCPSP		benchmark, generated instance, industrial instance	3							187	412
ChapadosJR11 ChapadosJR11 [182]	Retail Store Workforce Scheduling by Expected Operating Income Maximization			0							188	435
ClercqPBJ11 ClercqPBJ11 [189]	Filtering Algorithms for Discrete Cumulative Problems with Overloads of Resource		benchmark	1							189	439
EdisO11 EdisO11 [235]	Parallel Machine Scheduling with Additional Resources: A Lagrangian-Based Constraint Programming Approach			0							190	456
GrimesH11 GrimesH11 [318]	Models and Strategies for Variants of the Job Shop Scheduling Problem		benchmark	1							191	495
HeinzS11 HeinzS11 [362]	Explanations for the Cumulative Constraint: An Experimental Study		benchmark	1							192	509
HermenierDL11 HermenierDL11 [370]	Bin Repacking Scheduling in Virtualized Datacenters			1							193	512
KameugneFSN11 KameugneFSN11 [417]	A Quadratic Edge-Finding Filtering Algorithm for Cumulative Resource Constraints		benchmark	1							194	530
LahimerLH11 LahimerLH11 [457]	Climbing Depth-Bounded Adjacent Discrepancy Search for Solving Hybrid Flow Shop Scheduling Problems with Multiprocessor Tasks		benchmark	2							195	551
LombardiBMB11 LombardiBMB11 [484]	Precedence Constraint Posting for Cyclic Scheduling Problems		benchmark, industrial instance, real-life	0							196	565
SimonisH11 SimonisH11 [683]	A Resource Cost Aware Cumulative		real-life, real-world	1							197	637
Vilim11 Vilim11 [745]	Timetable Edge Finding Filtering Algorithm for Discrete Cumulative Resources		benchmark	1							198	669
Wolf11 Wolf11 [766]	Constraint-Based Modeling and Scheduling of Clinical Pathways			4							199	681
ZibranR11 ZibranR11 [800]	Conflict-Aware Optimal Scheduling of Code Clone Refactoring: A Constraint Programming Approach			0							200	695
ZibranR11a ZibranR11a [801]	A Constraint Programming Approach to Conflict-Aware Optimal Scheduling of Prioritized Code Clone Refactoring			0							201	696
Beck10 Beck10 [80]	Checking-Up on Branch-and-Check			0							202	387

Table 4: Manually Defined PAPER Properties

Key	Title (Local Copy)	CP System	Bench	Links	Data Avail	Sol Avail	Code Avail	Related To	Classification	Constraints	a	b
BertholdHLS10	A Constraint Integer Programming Approach for Resource-Constrained Project Scheduling			1							203	404
BertholdHLS10 [114]												
CobanH10	Single-Facility Scheduling over Long Time Horizons by Logic-Based Benders Decomposition			0							204	440
CobanH10 [190]												
Davenport10	Integrated Maintenance Scheduling for Semiconductor Manufacturing			0							205	445
Davenport10 [204]												
GrimesH10	Job Shop Scheduling with Setup Times and Maximal Time-Lags: A Simple Constraint Programming Approach		benchmark	1							206	494
GrimesH10 [317]												
LombardiM10	Constraint Based Scheduling to Deal with Uncertain Durations and Self-Timed Execution		real-world, benchmark	1							207	567
LombardiM10 [487]												
MakMS10	A constraint programming approach for production scheduling of multi-period virtual cellular manufacturing systems			0							208	575
MakMS10 [508]												
SchuttW10	A New $O(n^2 \log n)$ Not-First/Not-Last Pruning Algorithm for Cumulative Resource Constraints		benchmark	1							209	628
SchuttW10 [665]												
SunLYL10	Scheduling Optimization Techniques for FlexRay Using Constraint-Programming			0							210	639
SunLYL10 [690]												
TanSD10 TanSD10 [696]	A constraint programming-based branch and bound algorithm for job shop problems			0							211	No
Acuna-AgostMFG09	Constraint Programming and Mixed Integer Linear Programming for Rescheduling Trains under Disrupted Operations		Roadef	1							212	357
Acuna-AgostMFG09 [7]												
AronssonBK09	MILP formulations of cumulative constraints for railway scheduling - A comparative study		real-world, real-life	0							213	368
AronssonBK09 [35]												
Baptiste09	Constraint-Based Schedulers, Do They Really Work?			0							214	377
Baptiste09 [57]												
GrimesHM09	Closing the Open Shop: Contradicting Conventional Wisdom		benchmark	0							215	496
GrimesHM09 [320]												
Laborie09	IBM ILOG CP Optimizer for Detailed Scheduling Illustrated on Three Problems		real-world, benchmark	2							216	548
Laborie09 [451]												
LombardiM09	A Precedence Constraint Posting Approach for the RCPSP with Time Lags and Variable Durations		instance generator, real-world	1							217	566
LombardiM09 [485]												
MonetteDH09	Just-In-Time Scheduling with Constraint Programming		benchmark	0							218	584
MonetteDH09 [541]												
RenT09 RenT09 [628]	An improved hybrid MILP/CP algorithm framework for the job-shop scheduling			0							219	No
RodriguezS09	A study of an incremental texture-based heuristic for the train routing and scheduling problem			0							220	619
RodriguezS09 [637]												
SchuttFSW09	Why Cumulative Decomposition Is Not as Bad as It Sounds		real-world, benchmark	1							221	626
SchuttFSW09 [659]												
ThiruvadyBME09	Hybridizing Beam-ACO with Constraint Programming for Single Machine Job Scheduling			0							222	649
ThiruvadyBME09 [709]												
Vilim09 Vilim09 [743]	Edge Finding Filtering Algorithm for Discrete Cumulative Resources in $O(kn \log n)$			0							223	667
Vilim09a Vilim09a [744]	Max Energy Filtering Algorithm for Discrete Cumulative Resources			1							224	668
Wolf09 Wolf09 [769]	Linear Weighted-Task-Sum – Scheduling Prioritized Tasks on a Single Resource		real-life	1							225	680
AchterbergBKW08	Constraint Integer Programming: A New Approach to Integrate CP and MIP		benchmark	6							226	356
AchterbergBKW08 [6]												

Table 4: Manually Defined PAPER Properties

Key	Title (Local Copy)	CP System	Bench	Links	Data Avail	Sol Avail	Code Avail	Related To	Classification	Constraints	a	b
BarlattCG08	A Hybrid Approach for Solving Shift-Selection and Task-Sequencing Problems		real-world	1							227	380
BarlattCG08 [65]												
BeldiceanuCP08	New Filtering for the cumulative Constraint in the Context of Non-Overlapping Rectangles		benchmark	0							228	395
BeldiceanuCP08 [99]												
BeniniLMMR08	Multi-stage Benders Decomposition for Optimizing Multicore Architectures			0							229	401
BeniniLMMR08 [109]												
BeniniLMR08	A Constraint Programming Approach for Allocation and Scheduling on the CELL Broadband Engine		benchmark	1							230	402
BeniniLMR08 [110]												
DoomsH08	Gap Reduction Techniques for Online Stochastic Project Scheduling			0							231	454
DoomsH08 [228]												
HentenryckM08	The Steel Mill Slab Design Problem Revisited		CSPLib	0							232	511
HentenryckM08 [369]												
LauLN08	A Combinatorial Auction Framework for Solving Decentralized Scheduling Problems (Extended Abstract)		real-world, benchmark	0							233	552
LauLN08 [460]												
MouraSCL08	Planning and Scheduling the Operation of a Very Large Oil Pipeline Network			0							234	586
MouraSCL08 [546]												
MouraSCL08a	Heuristics and Constraint Programming Hybridizations for a Real Pipeline Planning and Scheduling Problem		real-world, benchmark	0							235	587
MouraSCL08a [545]												
PoderB08	Filtering for a Continuous Multi-Resources cumulative Constraint with Resource Consumption and Production			0							236	606
PoderB08 [607]												
SchausD08	A Global Constraint for Bin-Packing with Precedences: Application to the Assembly Line Balancing Problem		real-life, benchmark	0							237	622
SchausD08 [650]												
WatsonB08	A Hybrid Constraint Programming / Local Search Approach to the Job-Shop Scheduling Problem		real-world, benchmark	1							238	675
WatsonB08 [759]												
AkkerDH07	A Column Generation Based Destructive Lower Bound for Resource Constrained Project Scheduling Problems			0							239	358
AkkerDH07 [733]												
BeldiceanuP07	A Continuous Multi-resources <i>cumulative</i> Constraint with Positive-Negative Resource Consumption-Production			0							240	396
BeldiceanuP07 [101]												
DavenportKRSH07	An Application of Constraint Programming to Generating Detailed Operations Schedules for Steel Manufacturing			0							241	446
DavenportKRSH07 [205]												
GarganiR07	An Efficient Model and Strategy for the Steel Mill Slab Design Problem		real-life, CSPLib	0							242	475
GarganiR07 [281]												
HoeveGSL07	Optimal Multi-Agent Scheduling with Constraint Programming		benchmark	0							243	515
HoeveGSL07 [736]												
KeriK07 KeriK07 [422]	Computing Tight Time Windows for RCPSPWET with the Primal-Dual Method			2							244	532
KovacsB07	A Global Constraint for Total Weighted Completion Time		benchmark	0							245	539
KovacsB07 [434]												
KrogtLPHJ07	Scheduling for Cellular Manufacturing		real-world	0							246	545
KrogtLPHJ07 [735]												
Limtanyakul07	Scheduling of Tests on Vehicle Prototypes Using Constraint and Integer Programming		real-life	0							247	559
Limtanyakul07 [474]												
MonetteDD07	A Position-Based Propagator for the Open-Shop Problem		benchmark	0							248	583
MonetteDD07 [540]												

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Key	Title (Local Copy)	CP System	Bench	Links	Data Avail	Sol Avail	Code Avail	Related To	Classification	Constraints	a	b
Rodriguez07b Rodriguez07b [635]	A study of the use of state resources in a constraint-based model for routing and scheduling trains			0							249	618
RossiTHP07 RossiTHP07 [643]	Replenishment Planning for Stochastic Inventory Systems with Shortage Cost			0							250	620
Beck06 Beck06 [78]	An Empirical Study of Multi-Point Constructive Search for Constraint-Based Scheduling		benchmark	0							251	386
BeniniBGM06 BeniniBGM06 [108]	Allocation, Scheduling and Voltage Scaling on Energy Aware MPSoCs		real-life	0							252	400
GomesHS06 GomesHS06 [313]	Constraint Programming for Distributed Planning and Scheduling		real-life	0							253	493
KhemmoudjPB06 KhemmoudjPB06 [424]	When Constraint Programming and Local Search Solve the Scheduling Problem of Electricité de France Nuclear Power Plant Outages		real-world	0							254	533
KovacsV06 KovacsV06 [440]	Progressive Solutions: A Simple but Efficient Dominance Rule for Practical RCPSP		industrial partner, benchmark, generated instance	0							255	543
LiuJ06 LiuJ06 [481]	LP-TPOP: Integrating Planning and Scheduling Through Constraint Programming			0							256	562
QuSN06 QuSN06 [622]	Using Constraint Programming to Achieve Optimal Prefetch Scheduling for Dependent Tasks on Run-Time Reconfigurable Devices			0							257	612
Wallace06 Wallace06 [753]	Hybrid Algorithms in Constraint Programming		benchmark, real-world, Roadef	0							258	672
AbrilSB05 AbrilSB05 [4]	Distributed Constraints for Large-Scale Scheduling Problems			0							259	355
ArtiouchineB05 ArtiouchineB05 [43]	Inter-distance Constraint: An Extension of the All-Different Constraint for Scheduling Equal Length Jobs		generated instance, random instance	0							260	371
BeckW05 BeckW05 [90]	Proactive Algorithms for Scheduling with Probabilistic Durations			0							261	391
BeniniBGM05 BeniniBGM05 [107]	Allocation and Scheduling for MPSoCs via Decomposition and No-Good Generation			0							262	399
CambazardJ05 CambazardJ05 [161]	Integrating Benders Decomposition Within Constraint Programming			0							263	426
CarchraeBF05 CarchraeBF05 [166]	Methods to Learn Abstract Scheduling Models			0							264	429
ChuX05 ChuX05 [185]	A Hybrid Algorithm for a Class of Resource Constrained Scheduling Problems			0							265	437
DilkinaDH05 DilkinaDH05 [223]	Extending Systematic Local Search for Job Shop Scheduling Problems			0							266	452
FortinZDF05 FortinZDF05 [268]	Interval Analysis in Scheduling			0							267	465
FrankK05 FrankK05 [273]	Mixed Discrete and Continuous Algorithms for Scheduling Airborne Astronomy Observations		benchmark	0							268	470
Geske05 Geske05 [298]	Railway Scheduling with Declarative Constraint Programming		real-life	0							269	485
GodardLN05 GodardLN05 [302]	Randomized Large Neighborhood Search for Cumulative Scheduling		benchmark	0							270	488
HebrardTW05 HebrardTW05 [355]	Computing Super-Schedules			0							271	505

Table 4: Manually Defined PAPER Properties

Key	Title (Local Copy)	CP System	Bench	Links	Data Avail	Sol Avail	Code Avail	Related To	Classification	Constraints	a	b
Hooker05a	Planning and Scheduling to Minimize Tardiness			0							272	517
Hooker05a [382]												
Hooker05b	A Search-Infer-and-Relax Framework for			0							273	518
Hooker05b [383]	Integrating Solution Methods											
KovacsEKV05	Proterv-II: An Integrated Production Planning		real-life	0							274	540
KovacsEKV05 [437]	and Scheduling System											
MoffittPP05	Augmenting Disjunctive Temporal Problems			0							275	582
MoffittPP05 [538]	with Finite-Domain Constraints											
QuirogaZH05	A Constraint Programming Approach to Tool			0							276	613
QuirogaZH05 [623]	Allocation and Resource Scheduling in FMS											
SchuttWS05	Not-First and Not-Last Detection for		benchmark	0							277	629
SchuttWS05 [666]	Cumulative Scheduling in $O(n^3 \log n)$											
Vilim05 Vilim05 [742]	Computing Explanations for the Unary Resource Constraint		benchmark	4							278	666
Wolf05 Wolf05 [765]	Better Propagation for Non-preemptive Single-Resource Constraint Problems		benchmark	0							279	679
WolfS05 WolfS05 [768]	$O(n \log n)$ Overload Checking for the Cumulative Constraint and Its Application		real-world	0							280	682
WuBB05 WuBB05 [771]	Scheduling with Uncertain Start Dates		benchmark	0							281	684
ArtiguesBF04	A New Exact Solution Algorithm for the Job		benchmark	0							282	369
ArtiguesBF04 [36]	Shop Problem with Sequence-Dependent Setup Times											
BeckW04 BeckW04 [89]	Job Shop Scheduling with Probabilistic Durations			0							283	390
CambazardHDJT04	Decomposition and Learning for a Hard Real		benchmark	0							284	425
Cambazard-HDJT04 [160]	Time Task Allocation Problem											
HentenryckM04	Scheduling Abstractions for Local Search		benchmark	0							285	510
HentenryckM04 [368]												
Hooker04	A Hybrid Method for Planning and Scheduling		random instance	0							286	516
Hooker04 [380]												
KovacsV04	Completable Partial Solutions in Constraint		industrial part-	0							287	542
KovacsV04 [439]	Programming and Constraint-Based Scheduling		ner, benchmark, real-life									
LimRX04	Solving the Crane Scheduling Problem Using		generated in-	0							288	558
LimRX04 [471]	Intelligent Search Schemes		stance									
MaraveliasG04	Using MILP and CP for the Scheduling of Batch			0							289	578
MaraveliasG04 [516]	Chemical Processes											
PerronSF04	Propagation Guided Large Neighborhood Search			0							290	604
PerronSF04 [601]												
Sadykov04	A Hybrid Branch-And-Cut Algorithm for the			0							291	621
Sadykov04 [647]	One-Machine Scheduling Problem											
Vilim04 Vilim04 [741]	$O(n \log n)$ Filtering Algorithms for Unary Resource Constraint		benchmark	1							292	665
VilimBC04	Unary Resource Constraint with Optional		benchmark,	0							293	670
VilimBC04 [746]	Activities		real-life									
VillaverdeP04	An Investigation of Scheduling in Distributed			0							294	No
VillaverdeP04 [749]	Constraint Logic Programming											
WolinskiKG04	A Constraints Programming Approach to			0							295	683
WolinskiKG04 [770]	Communication Scheduling on SoPC Architectures											
BeckPS03	Vehicle Routing and Job Shop Scheduling:		benchmark,	0							296	389
BeckPS03 [87]	What's the Difference?		real-world									

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Key	Title (Local Copy)	CP System	Bench	Links	Data Avail	Sol Avail	Code Avail	Related To	Classification	Constraints	a	b
BourdaisGP03 BourdaisGP03 [145]	HIBISCUS: A Constraint Programming Application to Staff Scheduling in Health Care		real-life, real-world, benchmark	0							297	421
DannaP03 DannaP03 [201]	Structured vs. Unstructured Large Neighborhood Search: A Case Study on Job-Shop Scheduling Problems with Earliness and Tardiness Costs		benchmark	0							298	444
FrankK03 FrankK03 [272]	SOFIA's Choice: Scheduling Observations for an Airborne Observatory		benchmark	0							299	469
Kumar03 Kumar03 [448]	Incremental Computation of Resource-Envelopes in Producer-Consumer Models			0							300	547
OddiPCC03 OddiPCC03 [580]	Generating High Quality Schedules for a Spacecraft Memory Downlink Problem		benchmark	0							301	596
ValleMGT03 ValleMGT03 [732]	On Selecting and Scheduling Assembly Plans Using Constraint Programming		real-life	0							302	660
Vilim03 Vilim03 [740]	Computing Explanations for Global Scheduling Constraints			0							303	664
Wolf03 Wolf03 [764]	Pruning while Sweeping over Task Intervals		benchmark	0							304	678
Bartak02 Bartak02 [67]	Visopt ShopFloor: On the Edge of Planning and Scheduling		real-life	0							305	381
Bartak02a Bartak02a [66]	Visopt ShopFloor: Going Beyond Traditional Scheduling		benchmark, real-life	0							306	382
BeldiceanuC02 BeldiceanuC02 [97]	A New Multi-resource cumulatives Constraint with Negative Heights		real-life, random instance, benchmark	0							307	394
BenoistGR02 BenoistGR02 [112]	Constraint Programming Contribution to Benders Decomposition: A Case Study		benchmark, real-life	0							308	403
ElkhyariGJ02 ElkhyariGJ02 [241]	Conflict-Based Repair Techniques for Solving Dynamic Scheduling Problems			0							309	458
ElkhyariGJ02a ElkhyariGJ02a [242]	Solving Dynamic Resource Constraint Project Scheduling Problems Using New Constraint Programming Tools		benchmark, real-life	0							310	459
HookerY02 HookerY02 [392]	A Relaxation of the Cumulative Constraint			0							311	520
KamarainenS02 KamarainenS02 [411]	Local Probing Applied to Scheduling		real-world, benchmark	2							312	527
Muscettola02 Muscettola02 [550]	Computing the Envelope for Stepwise-Constant Resource Allocations			0							313	590
Vilim02 Vilim02 [739]	Batch Processing with Sequence Dependent Setup Times			0							314	663
ZhuS02 ZhuS02 [798]	A Meeting Scheduling System Based on Open Constraint Programming			0							315	694
BeldiceanuC01 BeldiceanuC01 [96]	Sweep as a Generic Pruning Technique Applied to the Non-overlapping Rectangles Constraint		benchmark	0							316	393
EreminW01 EreminW01 [245]	Hybrid Benders Decomposition Algorithms in Constraint Logic Programming		real-world, industrial partner, benchmark	0							317	460
Thorsteinsson01 Thorsteinsson01 [712]	Branch-and-Check: A Hybrid Framework Integrating Mixed Integer Programming and Constraint Logic Programming			0							318	651
VanczaM01 VanczaM01 [737]	A Constraint Engine for Manufacturing Process Planning		real-world, real-life	0							319	661
VerfaillieL01 VerfaillieL01 [738]	Selecting and Scheduling Observations for Agile Satellites: Some Lessons from the Constraint Reasoning Community Point of View			0							320	662

Table 4: Manually Defined PAPER Properties

Key	Title (Local Copy)	CP System	Bench	Links	Data Avail	Sol Avail	Code Avail	Related To	Classification	Constraints	a	b
AngelsmarkJ00 AngelsmarkJ00 [22]	Some Observations on Durations, Scheduling and Allen’s Algebra			0							321	361
FocacciLN00 FocacciLN00 [264]	Solving Scheduling Problems with Setup Times and Alternative Resources		real-world	0							322	463
Refalo00 Refalo00 [627]	Linear Formulation of Constraint Programming Models and Hybrid Solvers			0							323	614
DorndorfPH99 DorndorfPH99 [230]	Recent Developments in Scheduling			0							324	No
KorbaaYG99 KorbaaYG99 [431]	Solving transient scheduling problem for cyclic production using timed Petri nets and constraint programming			0							325	537
Simonis99 Simonis99 [679]	Building Industrial Applications with Constraint Programming		benchmark, real-world, real-life	0							326	635
CestaOS98 CestaOS98 [181]	Scheduling Multi-capacitated Resources Under Complex Temporal Constraints			0							327	434
FrostD98 FrostD98 [278]	Optimizing with Constraints: A Case Study in Scheduling Maintenance of Electric Power Units			0							328	473
GruianK98 GruianK98 [326]	Operation Binding and Scheduling for Low Power Using Constraint Logic Programming		benchmark	0							329	499
PembertonG98 PembertonG98 [597]	A constraint-based approach to satellite scheduling			0							330	602
RodosekW98 RodosekW98 [632]	A Generic Model and Hybrid Algorithm for Hoist Scheduling Problems		benchmark	0							331	617
BaptisteP97 BaptisteP97 [61]	Constraint Propagation and Decomposition Techniques for Highly Disjunctive and Highly Cumulative Project Scheduling Problems		benchmark	0							332	379
BeckDF97 BeckDF97 [82]	Five Pitfalls of Empirical Scheduling Research		benchmark, real-world	0							333	388
BoucherBVBL97 BoucherBVBL97 [143]	Multi-criteria Comparison Between Algorithmic, Constraint Logic and Specific Constraint Programming on a Real Scheduling Problem			0							334	No
Caseau97 Caseau97 [173]	Using Constraint Propagation for Complex Scheduling Problems: Managing Size, Complex Resources and Travel		benchmark	0							335	430
PapeB97 PapeB97 [594]	A Constraint Programming Library for Preemptive and Non-Preemptive Scheduling			0							336	No
BrusoniCLMMT96 BrusoniCLMMT96 [154]	Resource-Based vs. Task-Based Approaches for Scheduling Problems			0							337	423
Colombani96 Colombani96 [195]	Constraint Programming: an Efficient and Practical Approach to Solving the Job-Shop Problem			0							338	443
Zhou96 Zhou96 [795]	A Constraint Program for Solving the Job-Shop Problem			0							339	692
Goltz95 Goltz95 [311]	Reducing Domains for Search in CLP(FD) and Its Application to Job-Shop Scheduling		benchmark	0							340	492
Puget95 Puget95 [618]	Applications of Constraint Programming		benchmark	0							341	611
Simonis95 Simonis95 [678]	The CHIP System and Its Applications			0							342	633
Simonis95a Simonis95a [677]	Application Development with the CHIP System		real-life, bench- mark	0							343	634
SimonisC95 SimonisC95 [682]	Modelling Producer/Consumer Constraints		real-life	0							344	636
Touraivane95 Touraivane95 [718]	Constraint Programming and Industrial Applications		real-life	0							345	654

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Key	Title (Local Copy)	CP System	Bench	Links	Data Avail	Sol Avail	Code Avail	Related To	Classification	Constraints	a	b
JourdanFRD94 JourdanFRD94 [404]	Data Alignment and Task Scheduling On Parallel Machines Using Concurrent Constraint Model-based Programming			0							346	No
NuijtenA94 NuijtenA94 [576]	Constraint Satisfaction for Multiple Capacitated Job Shop Scheduling			0							347	595
Wallace94 Wallace94 [751]	Applying Constraints for Scheduling			0							348	No
BaptisteLV92 BaptisteLV92 [64]	Hoist scheduling problem: an approach based on constraint logic programming			0							349	378
DincbasS91 DincbasS91 [225]	Apache-a constraint based, automated stand allocation system			0							350	453
ErtlK91 ErtlK91 [246]	Optimal Instruction Scheduling using Constraint Logic Programming		real-world, benchmark	0							351	461
FoxS90 FoxS90 [270]	Why is Scheduling Difficult? A CSP Perspective		real-world	0							352	467
FoxAS82 FoxAS82 [269]	Job-Shop Scheduling: An Investigation in Constraint-Directed Reasoning			0							353	466

3 Journal Articles

3.1 Articles from bibtex

Table 5: Works from bibtex (Total 352)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
ForbesHJST24 ForbesHJST24	M. Forbes, M. Harris, H. Jansen, F.A. van der Schoot, T. Taimre	Combining optimisation and simulation using logic-based Benders decomposition	Yes	[267]	2024	European Journal of Operational Research	15	0	26	1478	1671
LuZZYW24 LuZZYW24	X. Lu, Y. Zhang, L. Zheng, C. Yang, J. Wang	Integrated Inbound and Outbound Scheduling for Coal Port: Constraint Programming and Adaptive Local Search	Yes	[498]	2024	Journal of Marine Science and Engineering	36	0	0	1552	1672
PrataAN23 PrataAN23	Bruno A. Prata, Levi R. Abreu, Marcelo S. Nagano	Applications of constraint programming in production scheduling problems: A descriptive bibliometric analysis	Yes	[616]	2024	Results in Control and Optimization	17	0	0	1602	1673
abs-2402-00459 abs-2402-00459	S. Nguyen, Dhananjay R. Thiruvady, Y. Sun, M. Zhang	Genetic-based Constraint Programming for Resource Constrained Job Scheduling	Yes	[567]	2024	CoRR	21	0	0	1670	1674
AbreuNP23 AbreuNP23	Levi Ribeiro de Abreu, Marcelo Seido Nagano, Bruno A. Prata	A new two-stage constraint programming approach for open shop scheduling problem with machine blocking	Yes	[209]	2023	International Journal of Production Research	20	1	47	1405	1675
AbreuPNF23 AbreuPNF23	Levi R. Abreu, Bruno A. Prata, Marcelo S. Nagano, Jose M. Framinan	A constraint programming-based iterated greedy algorithm for the open shop with sequence-dependent processing times and makespan minimization	Yes	[3]	2023	Computers Operations Research	12	0	46	1406	1676
Adelgren2023 Adelgren2023	N. Adelgren, Christos T. Maravelias	On the utility of production scheduling formulations including record keeping variables	Yes	[9]	2023	Computers Industrial Engineering	12	0	43	1407	1677
AfsarVPG23 AfsarVPG23	S. Afsar, Camino R. Vela, Juan José Palacios, I. González-Rodríguez	Mathematical models and benchmarking for the fuzzy job shop scheduling problem	Yes	[10]	2023	Computers Industrial Engineering	14	0	50	1408	1678
AkramNHRSA23 AkramNHRSA23	Bilal Omar Akram, Nor Kamariah Noordin, F. Hashim, Mohd Fadlee A. Rasid, Mustafa Ismael Salman, Abdulrahman M. Abdulghani	Joint Scheduling and Routing Optimization for Deterministic Hybrid Traffic in Time-Sensitive Networks Using Constraint Programming	Yes	[16]	2023	IEEE Access	16	0	0	1410	1679
AlfieriGPS23 AlfieriGPS23	A. Alfieri, M. Garraffa, E. Pastore, F. Salassa	Permutation flowshop problems minimizing core waiting time and core idle time	Yes	[19]	2023	Computers Industrial Engineering	13	0	37	1411	1680
Caballero23 Caballero23	Jordi Coll Caballero	Scheduling through logic-based tools	Yes	[159]	2023	Constraints An Int. J.	1	0	0	1451	1681
CzerniachowskaWZ23 CzerniachowskaWZ23	K. Czerniachowska, R. Wichniarek, K. Żywicki	Constraint Programming for Flexible Flow Shop Scheduling Problem with Repeated Jobs and Repeated Operations	Yes	[197]	2023	Advances in Science and Technology Research Journal	14	0	0	1461	1682
FahimiQ23 FahimiQ23	H. Fahimi, C. Quimper	Overload-Checking and Edge-Finding for Robust Cumulative Scheduling	No	[255]	2023	INFORMS Journal on Computing	null	0	16	No	1683
Fatemi-AnarakiTFV23 Fatemi-AnarakiTFV23	S. Fatemi-Anaraki, R. Tavakkoli-Moghaddam, M. Foumani, B. Vahedi-Nouri	Scheduling of Multi-Robot Job Shop Systems in Dynamic Environments: Mixed-Integer Linear Programming and Constraint Programming Approaches	Yes	[260]	2023	Omega	15	7	60	1476	1684
GhasemiMH23 GhasemiMH23	S. Ghasemi, R. Tavakkoli-Moghaddam, M. Hamid	Operating room scheduling by emphasising human factors and dynamic decision-making styles: a constraint programming method	No	[299]	2023	International Journal of Systems Science: Operations Logistics	null	0	104	No	1685
GokPTGO23 GokPTGO23	Yagmur S. Gök, S. Padrón, M. Tomasella, D. Guimaran, C. Öztürk	Constraint-based robust planning and scheduling of airport apron operations through simheuristics	Yes	[307]	2023	Annals of Operations Research	36	0	0	1483	1686
GuoZ23 GuoZ23	P. Guo, J. Zhu	Capacity reservation for humanitarian relief: A logic-based Benders decomposition method with subgradient cut	Yes	[331]	2023	European Journal of Operational Research	29	0	112	1490	1687
GurPAE23 GurPAE23	S. Gür, M. Pinarbasi, Haci Mehmet Alakas, T. Eren	Operating room scheduling with surgical team: a new approach with constraint programming and goal programming	Yes	[332]	2023	Central Eur. J. Oper. Res.	25	1	40	1492	1688

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Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
IsikYA23 IsikYA23	Eyüp Ensar Isik, Seyda Topaloglu Yildiz, Özge Satir Akpunar	Constraint programming models for the hybrid flow shop scheduling problem and its extensions	Yes	[398]	2023	Soft Comput.	28	0	127	1515	1689
JuvinHL23a JuvinHL23a	C. Juvin, L. Houssin, P. Lopez	Logic-based Benders decomposition for the preemptive flexible job-shop scheduling problem	Yes	[410]	2023	Computers Operations Research	17	0	40	1521	1690
LacknerMMWW23 LacknerMMWW23	M. Lackner, C. Mrkvicka, N. Musliu, D. Walkiewicz, F. Winter	Exact methods for the Oven Scheduling Problem	Yes	[456]	2023	Constraints An Int. J.	42	0	32	1538	1691
MarliereSPR23 MarliereSPR23	G. Marlière, Sonia Sobieraj Richard, P. Pellegrini, J. Rodriguez	A conditional time-intervals formulation of the real-time Railway Traffic Management Problem	Yes	[517]	2023	Control Engineering Practice	22	1	75	1556	1692
MontemanniD23 MontemanniD23	R. Montemanni, M. Dell'Amico	Solving the Parallel Drone Scheduling Traveling Salesman Problem via Constraint Programming	Yes	[543]	2023	Algorithms	13	2	18	1567	1693
MontemanniD23a MontemanniD23a	R. Montemanni, M. Dell'Amico	Constraint programming models for the parallel drone scheduling vehicle routing problem	Yes	[542]	2023	EURO J. Comput. Optim.	20	0	14	1568	1694
NaderiBZ23 NaderiBZ23	B. Naderi, Mehmet A. Begen, G. Zhang	Integrated Order Acceptance and Resource Decisions Under Uncertainty: Robust and Stochastic Approaches	Yes	[555]	2023	SSRN	32	0	46	1572	1695
NaderiBZR23 NaderiBZR23	B. Naderi, Mehmet A. Begen, Gregory S. Zaric, V. Roshanaei	A novel and efficient exact technique for integrated staffing, assignment, routing, and scheduling of home care services under uncertainty	No	[553]	2023	Omega	1	4	64	No	1696
NaderiRR23 NaderiRR23	B. Naderi, R. Ruiz, V. Roshanaei	Mixed-Integer Programming vs. Constraint Programming for Shop Scheduling Problems: New Results and Outlook	Yes	[558]	2023	INFORMS Journal on Computing	27	2	50	1573	1697
NouriMHD23 NouriMHD23	B. Vahedi-Nouri, R. Tavakkoli-Moghaddam, Z. Hanzálek, A. Dolgui	Production scheduling in a reconfigurable manufacturing system benefiting from human-robot collaboration	No	[731]	2023	International Journal of Production Research	null	2	44	No	1698
PenzDN23 PenzDN23	L. Penz, S. Dauzère-Pérès, M. Nattaf	Minimizing the sum of completion times on a single machine with health index and flexible maintenance operations	Yes	[598]	2023	Computers Operations Research	13	0	34	1597	1699
ShaikhK23 ShaikhK23	Aftab Ahmed Shaikh, Abdullah Ayub Khan	Management of electronic ledger: a constraint programming approach for solving curricula scheduling problems	Yes	[668]	2023	Int. J. Electron. Secur. Digit. Forensics	12	0	0	1618	1700
YuraszekMCCR23 YuraszekMCCR23	F. Yuraszek, E. Montero, D. Canut-de-Bon, N. Cuneo, M. Rojel	A Constraint Programming Formulation of the Multi-Mode Resource-Constrained Project Scheduling Problem for the Flexible Job Shop Scheduling Problem	Yes	[780]	2023	IEEE Access	11	0	0	1648	1701
ZhuSZW23 ZhuSZW23	X. Zhu, J. Son, X. Zhang, J. Wu	Constraint programming and logic-based Benders decomposition for the integrated process planning and scheduling problem	Yes	[799]	2023	Omega	22	1	36	1657	1702
abs-2305-19888 abs-2305-19888	V. Heinz, A. Novák, M. Vlk, Z. Hanzálek	Constraint Programming and Constructive Heuristics for Parallel Machine Scheduling with Sequence-Dependent Setups and Common Servers	Yes	[365]	2023	CoRR	42	0	0	1667	1703
abs-2306-05747 abs-2306-05747	P. Tassel, M. Gebser, K. Schekotihin	An End-to-End Reinforcement Learning Approach for Job-Shop Scheduling Problems Based on Constraint Programming	Yes	[702]	2023	CoRR	9	0	0	1668	1704
abs-2312-13682 abs-2312-13682	G. Perez, G. Glorian, W. Suijlen, A. Lallouet	A Constraint Programming Model for Scheduling the Unloading of Trains in Ports: Extended	Yes	[600]	2023	CoRR	20	0	0	1669	1705
AbreuN22 AbreuN22	Levi Ribeiro de Abreu, Marcelo Seido Nagano	A new hybridization of adaptive large neighborhood search with constraint programming for open shop scheduling with sequence-dependent setup times	Yes	[208]	2022	Computers Industrial Engineering	20	10	56	1404	1706
AwadMDMT22 AwadMDMT22	M. Awad, K. Mulrennan, J. Donovan, R. Macpherson, D. Tormey	A constraint programming model for makespan minimisation in batch manufacturing pharmaceutical facilities	No	[48]	2022	Computers Chemical Engineering	1	3	41	No	1707
BourreauGGLT22 BourreauGGLT22	E. Bourreau, T. Garaix, M. Gondran, P. Lacomme, N. Tchernev	A constraint-programming based decomposition method for the Generalised Workforce Scheduling and Routing Problem (GWSRP)	Yes	[146]	2022	International Journal of Production Research	19	4	44	1449	1708

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CampeauG22 CampeauG22	L. Campeau, M. Gamache	Short- and medium-term optimization of underground mine planning using constraint programming	Yes	[162]	2022	Constraints An Int. J.	18	0	22	1452	1709
ColT22 ColT22	Giacomo Da Col, Erich C. Teppan	Industrial-size job shop scheduling with constraint programming	Yes	[199]	2022	Operations Research Perspectives	19	3	55	1459	1710
ElciOH22 ElciOH22	Özgün Elçi, John N. Hooker	Stochastic Planning and Scheduling with Logic-Based Benders Decomposition	Yes	[239]	2022	INFORMS Journal on Computing	21	2	34	1466	1711
EmdeZD22 EmdeZD22	S. Emde, S. Zehtabian, Y. Disser	Point-to-point and milk run delivery scheduling: models, complexity results, and algorithms based on Benders decomposition	Yes	[243]	2022	Annals of Operations Research	30	0	52	1467	1712
EtminaniesfahaniGNMS22 EtminaniesfahaniGNMS22	A. Etminaniesfahani, H. Gu, Leila Moslemi Naeni, A. Salehipour	A Forward-Backward Relax-and-Solve Algorithm for the Resource-Constrained Project Scheduling Problem	Yes	[249]	2022	SN Computer Science	10	0	57	1469	1713
FarsiTM22 FarsiTM22	A. Farsi, S. Ali Torabi, M. Mokhtarzadeh	Integrated surgery scheduling by constraint programming and meta-heuristics	Yes	[259]	2022	International Journal of Management Science and Engineering Management	14	5	47	1475	1714
FetgoD22 FetgoD22	S��verine Betmbe Fetgo, Cl��mentin Tayou Djam��gni	Horizontally Elastic Edge-Finder Algorithm for Cumulative Resource Constraint Revisited	Yes	[262]	2022	Oper. Res. Forum	32	0	20	1477	1715
HeinzNVH22 HeinzNVH22	V. Heinz, A. Nov��k, M. Vlk, Z. Hanz��lek	Constraint Programming and constructive heuristics for parallel machine scheduling with sequence-dependent setups and common servers	Yes	[364]	2022	Computers Industrial Engineering	16	5	25	1504	1716
HillBCGN22 HillBCGN22	A. Hill, Andrea J. Brickey, I. Cipriano, M. Goycoolea, A. Newman	Optimization Strategies for Resource-Constrained Project Scheduling Problems in Underground Mining	No	[372]	2022	INFORMS Journal on Computing	null	0	53	No	1717
JuvinHL22 JuvinHL22	C. Juvin, L. Houssin, P. Lopez	Logic-Based Benders Decomposition for the Preemptive Flexible Job-Shop Scheduling Problem	Yes	[408]	2022	SSRN Electronic Journal	32	0	29	1520	1718
MartnezAJ22 MartnezAJ22	Karim P��rez Mart��nez, Y. Adulyasak, R. Jans	Logic-Based Benders Decomposition for Integrated Process Configuration and Production Planning Problems	No	[520]	2022	INFORMS Journal on Computing	null	1	29	No	1719
MengGRZSC22 MengGRZSC22	L. Meng, K. Gao, Y. Ren, B. Zhang, H. Sang, Z. Chaoyong	Novel MILP and CP models for distributed hybrid flowshop scheduling problem with sequence-dependent setup times	No	[527]	2022	Swarm and Evolutionary Computation	1	38	37	No	1720
MullerMKP22 MullerMKP22	D. M��ller, Marcus Gerhard M��ller, D. Kress, E. Pesch	An algorithm selection approach for the flexible job shop scheduling problem: Choosing constraint programming solvers through machine learning	Yes	[547]	2022	European Journal of Operational Research	18	17	59	1569	1721
NaderiBZ22 NaderiBZ22	B. Naderi, Mehmet A. Begen, G. Zhang	Integrated Order Acceptance and Resource Decisions Under Uncertainty: Robust and Stochastic Approaches	Yes	[554]	2022	SSRN Electronic Journal	29	0	44	1570	1722
NaderiBZ22a NaderiBZ22a	B. Naderi, Mehmet A. Begen, Gregory S. Zaric	Type-2 integrated process-planning and scheduling problem: Reformulation and solution algorithms	Yes	[552]	2022	Computers Operations Research	19	3	44	1571	1723
NaderiR22 NaderiR22	B. Naderi, V. Roshanaei	Critical-Path-Search Logic-Based Benders Decomposition Approaches for Flexible Job Shop Scheduling	No	[556]	2022	INFORMS Journal on Optimization	null	5	49	No	1724
OrnekOS20 OrnekOS20	A. ��rnek, C. ��zt��rk, I. Sugut	Integer and constraint programming model formulations for flight-gate assignment problem	Yes	[583]	2022	Operational Research	29	0	0	1589	1725
PohlAK22 PohlAK22	M. Pohl, C. Artigues, R. Kolisch	Solving the time-discrete winter runway scheduling problem: A column generation and constraint programming approach	Yes	[609]	2022	European Journal of Operational Research	16	4	31	1599	1726
ShiYXQ22 ShiYXQ22	G. Shi, Z. Yang, Y. Xu, Y. Quan	Solving the integrated process planning and scheduling problem using an enhanced constraint programming-based approach	No	[670]	2022	International Journal of Production Research	18	2	45	No	1727

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SubulanC22 SubulanC22	K. Subulan, G. Çakir	Constraint programming-based transformation approach for a mixed fuzzy-stochastic resource investment project scheduling problem	Yes	[687]	2022	Soft Comput.	38	5	86	1625	1728
YunusogluY22 YunusogluY22	P. Yunusoglu, Seyda Topaloglu Yildiz	Constraint programming approach for multi-resource-constrained unrelated parallel machine scheduling problem with sequence-dependent setup times	Yes	[777]	2022	International Journal of Production Research	18	20	58	1647	1729
YuraszeckMPV22 YuraszeckMPV22	F. Yuraszeck, G. Mejía, J. Pereira, M. Vilà	A Novel Constraint Programming Decomposition Approach for the Total Flow Time Fixed Group Shop Scheduling Problem	Yes	[779]	2022	Mathematics	26	6	29	1649	1730
abs-2211-14492 abs-2211-14492	Y. Sun, S. Nguyen, Dhananjay R. Thiruvady, X. Li, Andreas T. Ernst, U. Aickelin	Enhancing Constraint Programming via Supervised Learning for Job Shop Scheduling	Yes	[689]	2022	CoRR	17	0	0	1666	1731
AbohashimaEG21 AbohashimaEG21	H. Abohashima, Amr B. Eltawil, Mohamed S. Gheith	A Mathematical Programming Model and a Firefly-Based Heuristic for Real-Time Traffic Signal Scheduling With Physical Constraints	Yes	[2]	2021	IEEE Access	14	1	25	1402	1732
AbreuAPNM21 AbreuAPNM21	Levi Ribeiro de Abreu, Kennedy Anderson Guimarães Araújo, Bruno de Athayde Prata, Marcelo Seido Nagano, João Vitor Moecellin	A new variable neighbourhood search with a constraint programming search strategy for the open shop scheduling problem with operation repetitions	Yes	[207]	2021	Engineering Optimization	21	5	50	1403	1733
Bedhief21 Bedhief21	Asma Ouled Bedhief	Comparing Mixed-Integer Programming and Constraint Programming Models for the Hybrid Flow Shop Scheduling Problem with Dedicated Machines	Yes	[92]	2021	Journal Européen des Systèmes Automatisés	7	0	0	1433	1734
CarlierSJP21 CarlierSJP21	J. Carlier, A. Sahli, A. Jouglet, E. Pinson	A faster checker of the energetic reasoning for the cumulative scheduling problem	No	[172]	2021	International Journal of Production Research	null	3	26	No	1735
Edis21 Edis21	Emrah B. Edis	Constraint programming approaches to disassembly line balancing problem with sequencing decisions	No	[234]	2021	Computers Operations Research	1	13	48	No	1736
FanXG21 FanXG21	H. Fan, H. Xiong, M. Goh	Genetic programming-based hyper-heuristic approach for solving dynamic job shop scheduling problem with extended technical precedence constraints	Yes	[258]	2021	Computers Operations Research	15	18	57	1474	1737
HamP21 HamP21	A. Ham, M. Park	Human-Robot Task Allocation and Scheduling: Boeing 777 Case Study	No	[339]	2021	IEEE Robotics and Automation Letters	null	13	26	No	1738
HamPK21 HamPK21	A. Ham, M. Park, Kyung Min Kim	Energy-Aware Flexible Job Shop Scheduling Using Mixed Integer Programming and Constraint Programming	Yes	[340]	2021	Mathematical Problems in Engineering	12	6	46	1498	1739
HubnerGSV21 HubnerGSV21	F. Hübner, P. Gerhards, C. Stürck, R. Volk	Solving the nuclear dismantling project scheduling problem by combining mixed-integer and constraint programming techniques and metaheuristics	Yes	[395]	2021	Journal of Scheduling	22	0	37	1514	1740
KoehlerBFFHPPSSS21 KoehlerBFFHPPSSS21	J. Koehler, J. Bürgler, U. Fontana, E. Fux, Florian A. Herzog, M. Pouly, S. Saller, A. Salyaeva, P. Scheiblechner, K. Waelti	Cable tree wiring - benchmarking solvers on a real-world scheduling problem with a variety of precedence constraints	Yes	[428]	2021	Constraints An Int. J.	51	2	52	1526	1741
MengLZB21 MengLZB21	L. Meng, C. Lu, B. Zhang, Y. Ren, C. Lv, H. Sang, J. Li, C. Zhang	Constraint programming for solving four complex flexible shop scheduling problems	No	[528]	2021	IET Collaborative Intelligent Manufacturing	null	5	39	No	1742
NaderiRBAU21 NaderiRBAU21	B. Naderi, V. Roshanaei, Mehmet A. Begen, Dionne M. Aleman, David R. Urbach	Increased Surgical Capacity without Additional Resources: Generalized Operating Room Planning and Scheduling	No	[557]	2021	Production and Operations Management	null	22	61	No	1743
PandeyS21a PandeyS21a	V. Pandey, P. Saini	Constraint programming versus heuristic approach to MapReduce scheduling problem in Hadoop YARN for energy minimization	Yes	[592]	2021	J. Supercomput.	29	3	32	1594	1744
QinWSLS21 QinWSLS21	M. Qin, R. Wang, Z. Shi, L. Liu, L. Shi	A Genetic Programming-Based Scheduling Approach for Hybrid Flow Shop With a Batch Processor and Waiting Time Constraint	Yes	[619]	2021	IEEE Trans Autom. Sci. Eng.	12	12	30	1604	1745

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RabbaniMM21 RabbaniMM21	M. Rabbani, M. Mokhtarzadeh, N. Manavizadeh	A constraint programming approach and a hybrid of genetic and K-means algorithms to solve the p-hub location-allocation problems	No	[624]	2021	International Journal of Management Science and Engineering Management	null	4	44	No	1746
RoshanaeiN21 RoshanaeiN21	V. Roshanaei, B. Naderi	Solving integrated operating room planning and scheduling: Logic-based Benders decomposition versus Branch-Price-and-Cut	No	[642]	2021	European Journal of Operational Research	null	15	44	No	1747
VlkHT21 VlkHT21	M. Vlk, Z. Hanzálek, S. Tang	Constraint programming approaches to joint routing and scheduling in time-sensitive networks	Yes	[750]	2021	Computers Industrial Engineering	14	7	22	1640	1748
ZhangYW21 ZhangYW21	L. Zhang, C. Yu, T. N. Wong	A graph-based constraint programming approach for the integrated process planning and scheduling problem	Yes	[792]	2021	Computers Operations Research	10	6	35	1655	1749
abs-2102-08778 abs-2102-08778	Giacomo Da Col, E. Teppan	Large-Scale Benchmarks for the Job Shop Scheduling Problem	Yes	[193]	2021	CoRR	10	0	0	1665	1750
AlizdehS20 AlizdehS20	S. Alizdeh, S. Saeidi	Fuzzy project scheduling with critical path including risk and resource constraints using linear programming	No	[20]	2020	Int. J. Adv. Intell. Paradigms	14	1	0	No	1751
AntunesABD20 AntunesABD20	M. Antunes, V. Armant, Kenneth N. Brown, Daniel A. Desmond, G. Escamocher, A. George, D. Grimes, M. O’Keeffe, Y. Lin, B. O’Sullivan, C. Öztürk, L. Quesada, M. Siala, H. Simonis, N. Wilson	Assigning and Scheduling Service Visits in a Mixed Urban/Rural Setting	Yes	[24]	2020	Int. J. Artif. Intell. Tools	31	0	16	1412	1752
AstrandJZ20 AstrandJZ20	M. Åstrand, M. Johansson, A. Zanarini	Underground mine scheduling of mobile machines using Constraint Programming and Large Neighborhood Search	Yes	[47]	2020	Computers Operations Research	13	16	24	1416	1753
BadicaBI20 BadicaBI20	A. Badica, C. Badica, M. Ivanovic	Block structured scheduling using constraint logic programming	Yes	[49]	2020	AI Commun.	17	2	28	1417	1754
BalochG20 BalochG20	G. Baloch, F. Gzara	Strategic Network Design for Parcel Delivery with Drones Under Competition	No	[55]	2020	Transportation Science	null	25	46	No	1755
BenediktMH20 BenediktMH20	O. Benedikt, I. Módos, Z. Hanzálek	Power of pre-processing: production scheduling with variable energy pricing and power-saving states	Yes	[105]	2020	Constraints An Int. J.	19	1	18	1438	1756
CarlierPSJ20 CarlierPSJ20	J. Carlier, E. Pinson, A. Sahli, A. Jouglet	An O(n ²) algorithm for time-bound adjustments for the cumulative scheduling problem	No	[167]	2020	European Journal of Operational Research	null	6	10	No	1757
CauwelaertDS20 CauwelaertDS20	Sasha Van Cauwelaert, C. Dejemeppe, P. Schaus	An Efficient Filtering Algorithm for the Unary Resource Constraint with Transition Times and Optional Activities	Yes	[179]	2020	Journal of Scheduling	19	2	21	1454	1758
FachiniA20 FachiniA20	Ramon Faganello Fachini, Vinícius Amaral Armentano	Logic-based Benders decomposition for the heterogeneous fixed fleet vehicle routing problem with time windows	No	[252]	2020	Computers Industrial Engineering	1	25	55	No	1759
FallahiAC20 FallahiAC20	Abdellah El Fallahi, El Yaakoubi Anass, M. Cherkaoui	Tabu search and constraint programming-based approach for a real scheduling and routing problem	Yes	[257]	2020	International Journal of Applied Management Science	18	0	0	1473	1760
GuoHLW20 GuoHLW20	P. Guo, X. He, Y. Luan, Y. Wang	Logic-based Benders decomposition for gantry crane scheduling with transferring position constraints in a rail-road container terminal	No	[330]	2020	Engineering Optimization	null	8	31	No	1761
Ham20 Ham20	A. Ham	Transfer-robot task scheduling in job shop	No	[337]	2020	International Journal of Production Research	null	15	27	No	1762
Ham20a Ham20a	A. Ham	Drone-Based Material Transfer System in a Robotic Mobile Fulfillment Center	No	[336]	2020	IEEE Transactions on Automation Science and Engineering	null	15	27	No	1763

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HauderBRPA20 HauderBRPA20 LunardiBLRV20 LunardiBLRV20	Viktoria A. Hauder, A. Beham, S. Raggl, Sophie N. Parragh, M. Affenzeller William T. Lunardi, Ernesto G. Birgin, P. Laborie, Débora P. Ronconi, H. Voos	Resource-constrained multi-project scheduling with activity and time flexibility Mixed Integer linear programming and constraint programming models for the online printing shop scheduling problem	Yes Yes	[351] [500]	2020 2020	Computers Industrial Engineering Computers Operations Research	14 20	14 30	46 18	1501 1553	1764 1765
MejiaY20 MejiaY20	G. Mejía, F. Yuraszeck	A self-tuning variable neighborhood search algorithm and an effective decoding scheme for open shop scheduling problems with travel/setup times	Yes	[523]	2020	European Journal of Operational Research	13	24	45	1559	1766
MengZRZL20 MengZRZL20	L. Meng, C. Zhang, Y. Ren, B. Zhang, C. Lv	Mixed-integer linear programming and constraint programming formulations for solving distributed flexible job shop scheduling problem	Yes	[529]	2020	Computers Industrial Engineering	13	100	62	1562	1767
MokhtarzadehTNF20 MokhtarzadehTNF20	M. Mokhtarzadeh, R. Tavakkoli-Moghaddam, Behdin Vahedi Nouri, A. Farsi	Scheduling of human-robot collaboration in assembly of printed circuit boards: a constraint programming approach	Yes	[539]	2020	Int. J. Comput. Integr. Manuf.	14	25	32	1566	1768
Polo-MejiaALB20 Polo-MejiaALB20	O. Polo-Mejía, C. Artigues, P. Lopez, V. Basini	Mixed-integer/linear and constraint programming approaches for activity scheduling in a nuclear research facility	Yes	[610]	2020	International Journal of Production Research	18	8	23	1600	1769
QinDCS20 QinDCS20	T. Qin, Y. Du, Jiang Hang Chen, M. Sha	Combining mixed integer programming and constraint programming to solve the integrated scheduling problem of container handling operations of a single vessel	Yes	[620]	2020	European Journal of Operational Research	18	27	30	1603	1770
RoshanaeiBAUB20 RoshanaeiBAUB20	V. Roshanaei, Kyle E.C. Booth, Dionne M. Aleman, David R. Urbach, J. Christopher Beck	Branch-and-check methods for multi-level operating room planning and scheduling	Yes	[639]	2020	International Journal of Production Economics	19	24	43	1607	1771
SacramentoSP20 SacramentoSP20	D. Sacramento, C. Solnon, D. Pisinger	Constraint Programming and Local Search Heuristic: a Matheuristic Approach for Routing and Scheduling Feeder Vessels in Multi-terminal Ports	Yes	[645]	2020	Oper. Res. Forum	33	2	38	1610	1772
WallaceY20 WallaceY20	Mark G. Wallace, N. Yorke-Smith	A new constraint programming model and solving for the cyclic hoist scheduling problem	Yes	[754]	2020	Constraints An Int. J.	19	5	18	1642	1773
ZarandiASC20 ZarandiASC20 ZouZ20 ZouZ20	Mohammad Hossein Fazel Zarandi, Ali Akbar Sadat Asl, S. Sotudian, O. Castillo X. Zou, L. Zhang	A state of the art review of intelligent scheduling A constraint programming approach for scheduling repetitive projects with atypical activities considering soft logic	Yes Yes	[784] [802]	2020 2020	Artif. Intell. Rev. Automation in Construction	93 10	55 18	445 48	1650 1658	1774 1775
ArkhipovBL19 ArkhipovBL19	D. Arkhipov, O. Battaïa, A. Lazarev	An efficient pseudo-polynomial algorithm for finding a lower bound on the makespan for the Resource Constrained Project Scheduling Problem	Yes	[31]	2019	European Journal of Operational Research	10	12	24	1413	1776
ColT2019a ColT2019a	Giacomo Da Col, E. Teppan	Google vs IBM: A Constraint Solving Challenge on the Job-Shop Scheduling Problem	No	[198]	2019	Electronic Proceedings in Theoretical Computer Science	null	10	10	No	1777
EdwardsBSE19 EdwardsBSE19	Steven J. Edwards, D. Baatar, K. Smith-Miles, Andreas T. Ernst	Symmetry breaking of identical projects in the high-multiplicity RCPSP/max	No	[237]	2019	Journal of the Operational Research Society	null	3	40	No	1778
EscobetQPRA19 EscobetQPRA19	T. Escobet, V. Puig, J. Quevedo, P. Palà-Schönwälder, J. Romera, W. Adelman	Optimal batch scheduling of a multiproduct dairy process using a combined optimization/constraint programming approach	Yes	[247]	2019	Computers Chemical Engineering	10	17	18	1468	1779
GurEA19 GurEA19	Şeyda Gür, T. Eren, Hacı Mehmet Alakaş	Surgical Operation Scheduling with Goal Programming and Constraint Programming: A Case Study	Yes	[803]	2019	Mathematics	24	19	30	1491	1780
HechingHK19 HechingHK19	A. Heching, J. N. Hooker, R. Kimura	A Logic-Based Benders Approach to Home Healthcare Delivery	No	[356]	2019	Transportation Science	null	35	29	No	1781
HoundjiSW19 HoundjiSW19	Vinasétan Ratheil Houndji, P. Schaus, Laurence A. Wolsey	The item dependent stockingcost constraint	Yes	[393]	2019	Constraints An Int. J.	27	0	17	1513	1782

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Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
NattafDYW19 NattafDYW19	M. Nattaf, S. Dauzère-Pérès, C. Yugma, C. Wu	Parallel machine scheduling with time constraints on machine qualifications	Yes	[563]	2019	Computers Operations Research	16	14	21	1577	1783
NattafHKAL19 NattafHKAL19	M. Nattaf, M. Horváth, T. Kis, C. Artigues, P. Lopez	Polyhedral results and valid inequalities for the continuous energy-constrained scheduling problem	Yes	[564]	2019	Discret. Appl. Math.	16	5	12	1578	1784
NishikawaSTT19 NishikawaSTT19	H. Nishikawa, K. Shimada, I. Taniguchi, H. Tomiyama	A Constraint Programming Approach to Scheduling of Malleable Tasks	Yes	[570]	2019	Int. J. Netw. Comput.	16	3	20	1579	1785
Novas19 Novas19	Juan M. Novas	Production scheduling and lot streaming at flexible job-shops environments using constraint programming	Yes	[572]	2019	Computers Industrial Engineering	13	30	29	1581	1786
SunTB19 SunTB19	D. Sun, L. Tang, R. Baldacci	A Benders decomposition-based framework for solving quay crane scheduling problems	No	[688]	2019	European Journal of Operational Research	null	31	29	No	1787
TanZWGQ19 TanZWGQ19	Y. Tan, M. Zhou, Y. Wang, X. Guo, L. Qi	A Hybrid MIP-CP Approach to Multistage Scheduling Problem in Continuous Casting and Hot-Rolling Processes	No	[697]	2019	IEEE Transactions on Automation Science and Engineering	null	40	40	No	1788
UnsalO19 UnsalO19	O. Unsal, C. Oguz	An exact algorithm for integrated planning of operations in dry bulk terminals	No	[730]	2019	Transportation Research Part E: Logistics and Transportation Review	null	44	27	No	1789
WariZ19 WariZ19	E. Wari, W. Zhu	A Constraint Programming model for food processing industry: a case for an ice cream processing facility	No	[758]	2019	International Journal of Production Research	null	11	42	No	1790
WikarekS19 WikarekS19	J. Wikarek, P. Sitek	A Constraint-Based Declarative Programming Framework for Scheduling and Resource Allocation Problems	Yes	[762]	2019	Vietnam. J. Comput. Sci.	22	0	11	1644	1791
YounespourAKE19 YounespourAKE19	M. Younespour, A. Atighehchian, K. Kianfar, Ehsan Tarkesh Esfahani	Using mixed integer programming and constraint programming for operating rooms scheduling with modified block strategy	Yes	[774]	2019	Operations research for health care	11	7	15	1646	1792
abs-1901-07914 abs-1901-07914	Jan Kristof Behrens, R. Lange, M. Mansouri	A Constraint Programming Approach to Simultaneous Task Allocation and Motion Scheduling for Industrial Dual-Arm Manipulation Tasks	Yes	[95]	2019	CoRR	8	0	0	1661	1793
abs-1902-01193 abs-1902-01193	O. M. Alade, A. O. Amusat	Solving Nurse Scheduling Problem Using Constraint Programming Technique	Yes	[17]	2019	CoRR	9	0	0	1662	1794
abs-1902-09244 abs-1902-09244	Viktoria A. Hauder, A. Beham, S. Raggl, Sophie N. Parragh, M. Affenzeller	On constraint programming for a new flexible project scheduling problem with resource constraints	Yes	[350]	2019	CoRR	62	0	0	1663	1795
abs-1911-04766 abs-1911-04766	T. Geibinger, F. Mischek, N. Musliu	Investigating Constraint Programming and Hybrid Methods for Real World Industrial Test Laboratory Scheduling	Yes	[291]	2019	CoRR	16	0	0	1664	1796
BaptisteB18 BaptisteB18	P. Baptiste, N. Bonifas	Redundant cumulative constraints to compute preemptive bounds	Yes	[58]	2018	Discret. Appl. Math.	10	3	13	1421	1797
BorghesiBLMB18 BorghesiBLMB18	A. Borghesi, A. Bartolini, M. Lombardi, M. Milano, L. Benini	Scheduling-based power capping in high performance computing systems	Yes	[141]	2018	Sustain. Comput. Informatics Syst.	13	11	22	1448	1798
BukchinR18 BukchinR18	Y. Bukchin, T. Raviv	Constraint programming for solving various assembly line balancing problems	No	[155]	2018	Omega	null	66	29	No	1799
CauwelaertLS18 CauwelaertLS18	Sascha Van Cauwelaert, M. Lombardi, P. Schaus	How efficient is a global constraint in practice? - A fair experimental framework	Yes	[178]	2018	Constraints An Int. J.	36	2	39	1455	1800
FahimiOQ18 FahimiOQ18	H. Fahimi, Y. Ouellet, C. Quimper	Linear-time filtering algorithms for the disjunctive constraint and a quadratic filtering algorithm for the cumulative not-first not-last	Yes	[254]	2018	Constraints An Int. J.	22	2	20	1471	1801
GedikKEK18 GedikKEK18	R. Gedik, D. Kalathia, G. Egilmez, E. Kirac	A constraint programming approach for solving unrelated parallel machine scheduling problem	Yes	[288]	2018	Computers Industrial Engineering	11	43	22	1481	1802

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GokgurHO18 GokgurHO18	B. Gökgür, B. Hnich, S. Özpeynirci	Parallel machine scheduling with tool loading: a constraint programming approach	Yes	[308]	2018	International Journal of Production Research	17	31	43	1484	1803
GoldwaserS18 GoldwaserS18	A. Goldwaser, A. Schutt	Optimal Torpedo Scheduling	Yes	[310]	2018	J. Artif. Intell. Res.	32	8	0	1485	1804
GombolayWS18 GombolayWS18	Matthew C. Gombolay, Ronald J. Wilcox, Julie A. Shah	Fast Scheduling of Robot Teams Performing Tasks With Temporospatial Constraints	Yes	[312]	2018	IEEE Transactions on Robotics	20	71	75	1486	1805
Ham18 Ham18	Andy M. Ham	Integrated scheduling of m-truck, m-drone, and m-depot constrained by time-window, drop-pickup, and m-visit using constraint programming	Yes	[341]	2018	Transportation Research Part C: Emerging Technologies	14	164	14	1495	1806
Ham18a Ham18a	A. Ham	Scheduling of Dual Resource Constrained Lithography Production: Using CP and MIP/CP	Yes	[335]	2018	IEEE Transactions on Semiconductor Manufacturing	10	20	21	1496	1807
KreterSSZ18 KreterSSZ18	S. Kreter, A. Schutt, Peter J. Stuckey, J. Zimmermann	Mixed-integer linear programming and constraint programming formulations for solving resource availability cost problems	Yes	[444]	2018	European Journal of Operational Research	15	25	31	1532	1808
LaborieRSV18 LaborieRSV18	P. Laborie, J. Rogerie, P. Shaw, P. Vilím	IBM ILOG CP optimizer for scheduling - 20+ years of scheduling with constraints at IBM/ILOG	Yes	[453]	2018	Constraints An Int. J.	41	148	35	1537	1809
PourDERB18 PourDERB18	Shahrazad M. Pour, John H. Drake, Lena Secher Ejlertsen, Kourosh Marjani Rasmussen, Edmund K. Burke	A hybrid Constraint Programming/Mixed Integer Programming framework for the preventive signaling maintenance crew scheduling problem	Yes	[612]	2018	European Journal of Operational Research	12	41	13	1601	1810
ShinBBHO18 ShinBBHO18	Seung Yeob Shin, Y. Brun, H. Balasubramanian, Philip L. Henneman, Leon J. Osterweil	Discrete-Event Simulation and Integer Linear Programming for Constraint-Aware Resource Scheduling	Yes	[671]	2018	IEEE Trans. Syst. Man Cybern. Syst.	16	9	31	1619	1811
TangLWSK18 TangLWSK18	Y. Tang, R. Liu, F. Wang, Q. Sun, Amr A. Kandil	Scheduling Optimization of Linear Schedule with Constraint Programming	Yes	[699]	2018	Comput. Aided Civ. Infrastructure Eng.	28	24	76	1627	1812
TranPZLDB18 TranPZLDB18	Tony T. Tran, M. Padmanabhan, Peter Yun Zhang, H. Li, Douglas G. Down, J. Christopher Beck	Multi-stage resource-aware scheduling for data centers with heterogeneous servers	Yes	[722]	2018	Journal of Scheduling	17	8	26	1635	1813
ZhangW18 ZhangW18	S. Zhang, S. Wang	Flexible Assembly Job-Shop Scheduling With Sequence-Dependent Setup Times and Part Sharing in a Dynamic Environment: Constraint Programming Model, Mixed-Integer Programming Model, and Dispatching Rules	Yes	[793]	2018	IEEE Trans. Engineering Management	18	49	28	1654	1814
EmeretlisTAV17 EmeretlisTAV17	A. Emeretlis, G. Theodoridis, P. Alefragis, N. Voros	Static Mapping of Applications on Heterogeneous Multi-Core Platforms Combining Logic-Based Benders Decomposition with Integer Linear Programming	No	[244]	2017	ACM Transactions on Design Automation of Electronic Systems	null	4	42	No	1815
GedikKBR17 GedikKBR17	R. Gedik, E. Kirac, Ashlea Bennet Milburn, C. Rainwater	A constraint programming approach for the team orienteering problem with time windows	No	[289]	2017	Computers Industrial Engineering	null	20	32	No	1816
GomesM17 GomesM17	Francisco Regis Abreu Gomes, Geraldo Robson Mateus	Improved Combinatorial Benders Decomposition for a Scheduling Problem with Unrelated Parallel Machines	Yes	[314]	2017	Journal of Applied Mathematics	11	1	43	1487	1817
HamFC17 HamFC17	A. Ham, John W. Fowler, E. Cakici	Constraint Programming Approach for Scheduling Jobs With Release Times, Non-Identical Sizes, and Incompatible Families on Parallel Batching Machines	No	[338]	2017	IEEE Transactions on Semiconductor Manufacturing	null	21	28	No	1818
HookerH17 HookerH17	John N. Hooker, Willem-Jan van Hoeve	Constraint programming and operations research	Yes	[391]	2017	Constraints An Int. J.	24	12	189	1511	1819
KreterSS17 KreterSS17	S. Kreter, A. Schutt, Peter J. Stuckey	Using constraint programming for solving RCPSP/max-cal	Yes	[443]	2017	Constraints An Int. J.	31	15	20	1531	1820
NattafAL17 NattafAL17	M. Nattaf, C. Artigues, P. Lopez	Cumulative scheduling with variable task profiles and concave piecewise linear processing rate functions	Yes	[561]	2017	Constraints An Int. J.	18	5	10	1575	1821

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RoshanaeiLAU17 RoshanaeiLAU17	V. Roshanaei, C. Luong, Dionne M. Aleman, D. Urbach	Propagating logic-based Benders' decomposition approaches for distributed operating room scheduling	Yes	[640]	2017	European Journal of Operational Research	17	61	46	1608	1822
RoshanaeiLAU17a RoshanaeiLAU17a	V. Roshanaei, C. Luong, Dionne M. Aleman, David R. Urbach	Collaborative Operating Room Planning and Scheduling	No	[641]	2017	INFORMS Journal on Computing	null	54	42	No	1823
SchnellH17 SchnellH17	A. Schnell, Richard F. Hartl	On the generalization of constraint programming and boolean satisfiability solving techniques to schedule a resource-constrained project consisting of multi-mode jobs	No	[654]	2017	Operations Research Perspectives	null	12	20	No	1824
TranVNB17 TranVNB17	Tony T. Tran, Tiago Stegun Vaquero, G. Nejat, J. Christopher Beck	Robots in Retirement Homes: Applying Off-the-Shelf Planning and Scheduling to a Team of Assistive Robots	Yes	[724]	2017	J. Artif. Intell. Res.	68	12	0	1636	1825
BlomPS16 BlomPS16	Michelle L. Blom, Adrian R. Pearce, Peter J. Stuckey	A Decomposition-Based Algorithm for the Scheduling of Open-Pit Networks Over Multiple Time Periods	Yes	[122]	2016	Manag. Sci.	26	20	36	1444	1826
Bonfietti16 Bonfietti16	A. Bonfietti	A constraint programming scheduling solver for the MPOpt programming environment	Yes	[130]	2016	Intelligenza Artificiale	13	0	19	1446	1827
BoothTNB16 BoothTNB16	Kyle E. C. Booth, Tony T. Tran, G. Nejat, J. Christopher Beck	Mixed-Integer and Constraint Programming Techniques for Mobile Robot Task Planning	No	[140]	2016	IEEE Robotics and Automation Letters	null	27	21	No	1828
BridiBLMB16 BridiBLMB16	T. Bridi, A. Bartolini, M. Lombardi, M. Milano, L. Benini	A Constraint Programming Scheduler for Heterogeneous High-Performance Computing Machines	Yes	[150]	2016	IEEE Trans. Parallel Distributed Syst.	14	17	22	1450	1829
CireCH16 CireCH16	André A. Ciré, E. Coban, John N. Hooker	Logic-based Benders decomposition for planning and scheduling: a computational analysis	Yes	[187]	2016	The Knowledge Engineering Review	12	15	21	1457	1830
DoulabiRP16 DoulabiRP16	Seyed Hossein Hashemi Doulabi, L. Rousseau, G. Pesant	A Constraint-Programming-Based Branch-and-Price-and-Cut Approach for Operating Room Planning and Scheduling	Yes	[233]	2016	INFORMS Journal on Computing	17	56	28	1465	1831
HamC16 HamC16	Andy M. Ham, E. Cakici	Flexible job shop scheduling problem with parallel batch processing machines: MIP and CP approaches	Yes	[342]	2016	Computers Industrial Engineering	6	50	26	1497	1832
HebrardHJMPV16 HebrardHJMPV16	E. Hebrard, M. Huguet, N. Jozefowiez, A. Maillard, C. Pralet, G. Verfaillie	Approximation of the parallel machine scheduling problem with additional unit resources	Yes	[354]	2016	Discret. Appl. Math.	10	9	8	1502	1833
KuB16 KuB16	W. Ku, J. Christopher Beck	Mixed Integer Programming models for job shop scheduling: A computational analysis	Yes	[445]	2016	Computers Operations Research	9	119	17	1533	1834
NattafALR16 NattafALR16	M. Nattaf, C. Artigues, P. Lopez, D. Rivreau	Energetic reasoning and mixed-integer linear programming for scheduling with a continuous resource and linear efficiency functions	Yes	[562]	2016	OR Spectr.	34	10	15	1576	1835
NovaraNH16 NovaraNH16	Franco M. Novara, Juan M. Novas, Gabriela P. Henning	A novel constraint programming model for large-scale scheduling problems in multiproduct multistage batch plants: Limited resources and campaign-based operation	Yes	[571]	2016	Computers Chemical Engineering	17	18	31	1580	1836
OrnekO16 OrnekO16	A. Örnek, C. Öztürk	Optimisation and Constraint Based Heuristic Methods for Advanced Planning and Scheduling Systems	Yes	[582]	2016	International Journal of Industrial Engineering: Theory, Applications and Practice	25	0	0	1588	1837
QinDS16 QinDS16	T. Qin, Y. Du, M. Sha	Evaluating the solution performance of IP and CP for berth allocation with time-varying water depth	No	[621]	2016	Transportation Research Part E: Logistics and Transportation Review	null	17	40	No	1838
RiiseML16 RiiseML16	A. Riise, C. Mannino, L. Lamorgese	Recursive logic-based Benders' decomposition for multi-mode outpatient scheduling	No	[631]	2016	European Journal of Operational Research	null	27	29	No	1839
TranAB16 TranAB16	Tony T. Tran, A. Araujo, J. Christopher Beck	Decomposition Methods for the Parallel Machine Scheduling Problem with Setups	Yes	[719]	2016	INFORMS Journal on Computing	13	72	28	1634	1840

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ZarandiKS16 ZarandiKS16	M. H. Fazel Zarandi, H. Khorshidian, Mohsen Akbarpour Shirazi	A constraint programming model for the scheduling of JIT cross-docking systems with preemption	Yes	[783]	2016	Journal of Intelligent Manufacturing	17	28	14	1651	1841
AlesioBNG15 AlesioBNG15	Stefano Di Alesio, Lionel C. Briand, S. Nejati, A. Gotlieb	Combining Genetic Algorithms and Constraint Programming to Support Stress Testing of Task Deadlines	No	[18]	2015	ACM Transactions on Software Engineering and Methodology	null	13	51	No	1842
BajestaniB15 BajestaniB15	Maliheh Aramon Bajestani, J. Christopher Beck	A two-stage coupled algorithm for an integrated maintenance planning and flowshop scheduling problem with deteriorating machines	Yes	[53]	2015	Journal of Scheduling	16	17	59	1419	1843
EvenSH15a EvenSH15a	C. Even, A. Schutt, Pascal Van Hentenryck	A Constraint Programming Approach for Non-Preemptive Evacuation Scheduling	Yes	[251]	2015	CoRR	16	0	0	1470	1844
GoelSHFS15 GoelSHFS15	V. Goel, M. Slusky, Willem-Jan van Hoeve, Kevin C. Furman, Y. Shao	Constraint programming for LNG ship scheduling and inventory management	Yes	[305]	2015	European Journal of Operational Research	12	48	4	1482	1845
GrimesH15 GrimesH15	D. Grimes, E. Hebrard	Solving Variants of the Job Shop Scheduling Problem Through Conflict-Directed Search	Yes	[319]	2015	INFORMS Journal on Computing	17	12	41	1488	1846
Kameugne15 Kameugne15	R. Kameugne	Propagation techniques of resource constraint for cumulative scheduling	Yes	[413]	2015	Constraints An Int. J.	2	0	0	1522	1847
LetortCB15 LetortCB15	A. Letort, M. Carlsson, N. Beldiceanu	Synchronized sweep algorithms for scalable scheduling constraints	Yes	[467]	2015	Constraints An Int. J.	52	2	14	1540	1848
NattafAL15 NattafAL15	M. Nattaf, C. Artigues, P. Lopez	A hybrid exact method for a scheduling problem with a continuous resource and energy constraints	Yes	[560]	2015	Constraints An Int. J.	21	14	13	1574	1849
OzturkTHO15 OzturkTHO15	C. Öztürk, S. Tunalı, B. Hnich, A. Örnek	Cyclic scheduling of flexible mixed model assembly lines with parallel stations	Yes	[591]	2015	Journal of Manufacturing Systems	12	27	17	1593	1850
SchnellH15 SchnellH15	A. Schnell, Richard F. Hartl	On the efficient modeling and solution of the multi-mode resource-constrained project scheduling problem with generalized precedence relations	Yes	[653]	2015	OR Spectrum	21	24	20	1615	1851
Siala15 Siala15	M. Siala	Search, propagation, and learning in sequencing and scheduling problems	Yes	[672]	2015	Constraints An Int. J.	2	4	0	1620	1852
SimoninAHL15 SimoninAHL15	G. Simonin, C. Artigues, E. Hebrard, P. Lopez	Scheduling scientific experiments for comet exploration	Yes	[676]	2015	Constraints An Int. J.	23	4	5	1621	1853
WangMD15 WangMD15	T. Wang, N. Meskens, D. Duvivier	Scheduling operating theatres: Mixed integer programming vs. constraint programming	Yes	[757]	2015	European Journal of Operational Research	13	36	33	1643	1854
ArtiguesL14 ArtiguesL14	C. Artigues, P. Lopez	Energetic reasoning for energy-constrained scheduling with a continuous resource	No	[40]	2014	Journal of Scheduling	null	11	19	No	1855
BlomBPS14 BlomBPS14	Michelle L. Blom, Christina N. Burt, Adrian R. Pearce, Peter J. Stuckey	A Decomposition-Based Heuristic for Collaborative Scheduling in a Network of Open-Pit Mines	Yes	[121]	2014	INFORMS Journal on Computing	19	15	47	1443	1856
BonfiettiLBM14 BonfiettiLBM14	A. Bonfietti, M. Lombardi, L. Benini, M. Milano	CROSS cyclic resource-constrained scheduling solver	Yes	[133]	2014	Artificial Intelligence	28	8	15	1447	1857
GrimesIOS14 GrimesIOS14	D. Grimes, G. Ifrim, B. O'Sullivan, H. Simonis	Analyzing the impact of electricity price forecasting on energy cost-aware scheduling	Yes	[321]	2014	Sustain. Comput. Informatics Syst.	16	6	7	1489	1858
HarjunkoskiMBC14 HarjunkoskiMBC14	I. Harjunkoski, Christos T. Maravelias, P. Bongers, Pedro M. Castro, S. Engell, Ignacio E. Grossmann, John N. Hooker, C. Méndez, G. Sand, J. Wassick	Scope for industrial applications of production scheduling models and solution methods	Yes	[347]	2014	Computers Chemical Engineering	33	381	176	1500	1859
KameugneFSN14 KameugneFSN14	R. Kameugne, Laure Pauline Fotso, Joseph D. Scott, Y. Ngo-Kateu	A quadratic edge-finding filtering algorithm for cumulative resource constraints	Yes	[418]	2014	Constraints An Int. J.	27	6	10	1523	1860
LaborieR14 LaborieR14	P. Laborie, J. Rogerie	Temporal linear relaxation in IBM ILOG CP Optimizer	Yes	[454]	2014	Journal of Scheduling	10	17	13	1536	1861
Novash14 Novash14	Juan M. Novas, Gabriela P. Henning	Integrated scheduling of resource-constrained flexible manufacturing systems using constraint programming	Yes	[575]	2014	Expert Syst. Appl.	14	35	26	1584	1862

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TerekhovTDB14 TerekhovTDB14	D. Terekhov, Tony T. Tran, Douglas G. Down, J. Christopher Beck	Integrating Queueing Theory and Scheduling for Dynamic Scheduling Problems	Yes	[706]	2014	J. Artif. Intell. Res.	38	12	0	1629	1863
ThiruvadyWGS14 ThiruvadyWGS14	Dhananjay R. Thiruvady, Mark G. Wallace, H. Gu, A. Schutt	A Lagrangian relaxation and ACO hybrid for resource constrained project scheduling with discounted cash flows	Yes	[710]	2014	J. Heuristics	34	19	18	1630	1864
ArtiguesLH13 ArtiguesLH13	C. Artigues, P. Lopez, A. Haït	The energy scheduling problem: Industrial case-study and constraint propagation techniques	No	[41]	2013	International Journal of Production Economics	null	76	16	No	1865
BajestaniB13 BajestaniB13	Maliheh Aramon Bajestani, J. Christopher Beck	Scheduling a Dynamic Aircraft Repair Shop with Limited Repair Resources	Yes	[52]	2013	J. Artif. Intell. Res.	36	14	0	1418	1866
BegB13 BegB13	Mirza Omer Beg, Peter van Beek	A constraint programming approach for integrated spatial and temporal scheduling for clustered architectures	Yes	[93]	2013	ACM Trans. Embed. Comput. Syst.	23	1	28	1434	1867
HeinzSB13 HeinzSB13	S. Heinz, J. Schulz, J. Christopher Beck	Using dual presolving reductions to reformulate cumulative constraints	Yes	[363]	2013	Constraints An Int. J.	36	7	31	1505	1868
KameugneF13 KameugneF13	R. Kameugne, Laure Pauline Fotso	A cumulative not-first/not-last filtering algorithm in $O(n \log(n))$	No	[416]	2013	Indian Journal of Pure and Applied Mathematics	null	6	4	No	1869
LombardiMB13 LombardiMB13	M. Lombardi, M. Milano, L. Benini	Robust Scheduling of Task Graphs under Execution Time Uncertainty	Yes	[491]	2013	IEEE Transactions on Computers	14	28	29	1547	1870
MenciaSV13 MenciaSV13	C. Mencia, María R. Sierra, R. Varela	Intensified iterative deepening A* with application to job shop scheduling	Yes	[526]	2013	Journal of Intelligent Manufacturing	11	9	43	1561	1871
OzturkTHO13 OzturkTHO13	C. Öztürk, S. Tunali, B. Hnich, A. Örnek	Balancing and scheduling of flexible mixed model assembly lines	Yes	[590]	2013	Constraints An Int. J.	36	31	44	1592	1872
SchuttFSW13 SchuttFSW13	A. Schutt, T. Feydy, Peter J. Stuckey, Mark G. Wallace	Solving RCPSP/max by lazy clause generation	Yes	[662]	2013	Journal of Scheduling	17	43	23	1617	1873
UnsalO13 UnsalO13	O. Unsal, C. Oguz	Constraint programming approach to quay crane scheduling problem	No	[729]	2013	Transportation Research Part E: Logistics and Transportation Review	null	44	25	No	1874
GuyonLPR12 GuyonLPR12	O. Guyon, P. Lemaire, Éric Pinson, D. Rivreau	Solving an integrated job-shop problem with human resource constraints	Yes	[333]	2012	Annals of Operations Research	25	32	25	1493	1875
HeinzSSW12 HeinzSSW12	S. Heinz, T. Schlechte, R. Stephan, M. Winkler	Solving steel mill slab design problems	Yes	[361]	2012	Constraints An Int. J.	12	10	9	1506	1876
LimtanyakulS12 LimtanyakulS12	K. Limtanyakul, U. Schwegelshohn	Improvements of constraint programming and hybrid methods for scheduling of tests on vehicle prototypes	Yes	[475]	2012	Constraints An Int. J.	32	4	16	1543	1877
LombardiIM12 LombardiIM12	M. Lombardi, M. Milano	Optimal methods for resource allocation and scheduling: a cross-disciplinary survey	Yes	[489]	2012	Constraints An Int. J.	35	39	68	1545	1878
LombardiIM12a LombardiIM12a	M. Lombardi, M. Milano	A min-flow algorithm for Minimal Critical Set detection in Resource Constrained Project Scheduling	Yes	[488]	2012	Artificial Intelligence	10	3	13	1546	1879
MalapertCGJLR12 MalapertCGJLR12	A. Malapert, H. Cambazard, C. Guéret, N. Jussien, A. Langevin, L. Rousseau	An Optimal Constraint Programming Approach to the Open-Shop Problem	Yes	[510]	2012	INFORMS Journal on Computing	17	23	21	1554	1880
MenciaSV12 MenciaSV12	C. Mencia, María R. Sierra, R. Varela	Depth-first heuristic search for the job shop scheduling problem	Yes	[525]	2012	Annals of Operations Research	32	16	40	1560	1881
NovashH12 NovashH12	Juan M. Novas, Gabriela P. Henning	A comprehensive constraint programming approach for the rolling horizon-based scheduling of automated wet-etch stations	Yes	[574]	2012	Computers Chemical Engineering	17	17	15	1583	1882
OzturkTHO12 OzturkTHO12	C. Öztürk, S. Tunali, B. Hnich, A. Örnek	A Constraint Programming Model for Balancing and Scheduling of Flexible Mixed Model Assembly Lines with Parallel Stations	Yes	[588]	2012	IFAC Proceedings Volumes	6	5	5	1591	1883
TerekhovDOB12 TerekhovDOB12	D. Terekhov, Mustafa K. Dogru, U. Özen, J. Christopher Beck	Solving two-machine assembly scheduling problems with inventory constraints	Yes	[705]	2012	Computers Industrial Engineering	15	8	48	1628	1884

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ZarandiB12	ZarandiB12	Mohammad M. Fazel-Zarandi, J. Christopher Beck	No	[261]	2012	INFORMS Journal on Computing	null	38	57	No	1885
BandaSC11	BandaSC11	Maria Garcia de la Banda, Peter J. Stuckey, G. Chu	Yes	[211]	2011	INFORMS Journal on Computing	18	24	17	1420	1886
BartakS11	BartakS11	R. Barták, Miguel A. Salido	Yes	[70]	2011	Constraints An Int. J.	5	17	3	1425	1887
BeckFW11	BeckFW11	J. Christopher Beck, T. K. Feng, J. Watson	Yes	[83]	2011	INFORMS Journal on Computing	14	43	23	1430	1888
BeldiceanuCDP11	BeldiceanuCDP11	N. Beldiceanu, M. Carlsson, S. Demasse, E. Poder	Yes	[98]	2011	Annals of Operations Research	24	8	8	1436	1889
BeniniLMR11	BeniniLMR11	L. Benini, M. Lombardi, M. Milano, M. Ruggiero	Yes	[111]	2011	Annals of Operations Research	27	18	16	1439	1890
CobanH11	CobanH11	E. Coban, John N. Hooker	Yes	[191]	2011	Annals of Operations Research	28	14	37	1458	1891
EdisO11a	EdisO11a	Emrah B. Edis, I. Ozkarahan	No	[236]	2011	Engineering Optimization	null	43	37	No	1892
HachemiGR11	HachemiGR11	Nizar El Hachemi, M. Gendreau, L. Rousseau	Yes	[334]	2011	Annals of Operations Research	16	32	19	1494	1893
HeckmanB11	HeckmanB11	I. Heckman, J. Christopher Beck	Yes	[358]	2011	Journal of Scheduling	20	0	22	1503	1894
KelbelH11	KelbelH11	J. Kelbel, Z. Hanzálek	Yes	[421]	2011	Journal of Intelligent Manufacturing	10	12	14	1524	1895
KovacsB11	KovacsB11	A. Kovács, J. Christopher Beck	Yes	[436]	2011	Constraints An Int. J.	24	4	26	1529	1896
KovacsK11	KovacsK11	A. Kovács, T. Kis	Yes	[438]	2011	Constraints An Int. J.	24	3	24	1530	1897
LiuW11	LiuW11	S. Liu, C. Wang	No	[479]	2011	Automation in Construction	null	57	35	No	1898
ReddyFIBKAJ11	ReddyFIBKAJ11	Sudhakar Y. Reddy, J. Frank, M. Iatauro, Matthew E. Boyce, E. Kürklü, M. Ai-Chang, Ari K. Jónsson	No	[626]	2011	ACM Trans. Intell. Syst. Technol.	24	3	8	No	1899
SchausHMCMD11	SchausHMCMD11	P. Schaus, Pascal Van Hentenryck, J. Monette, C. Coffrin, L. Michel, Y. Deville	Yes	[651]	2011	Constraints An Int. J.	23	14	5	1613	1900
SchuttFSW11	SchuttFSW11	A. Schutt, T. Feydy, Peter J. Stuckey, Mark G. Wallace	Yes	[661]	2011	Constraints An Int. J.	33	57	23	1616	1901
TopalogluO11	TopalogluO11	S. Topaloglu, I. Ozkarahan	Yes	[715]	2011	Computers Operations Research	10	46	24	1632	1902
TrojetHL11	TrojetHL11	M. Trojet, F. H'Mida, P. Lopez	Yes	[727]	2011	Computers Industrial Engineering	7	11	17	1637	1903
ZeballosNH11	ZeballosNH11	Luis J. Zeballos, Juan M. Novas, Gabriela P. Henning	No	[789]	2011	Computers Chemical Engineering	null	26	29	No	1904
BartakCS10	BartakCS10	R. Barták, O. Cepek, P. Surynek	Yes	[69]	2010	Annals of Operations Research	31	2	9	1424	1905
BartakSR10	BartakSR10	R. Barták, Miguel A. Salido, F. Rossi	Yes	[71]	2010	Knowl. Eng. Rev.	31	28	47	1426	1906
ChenGPSH10	ChenGPSH10	Y. Chen, Z. Guan, Y. Peng, X. Shao, M. Hasseeb	Yes	[183]	2010	Frontiers of Mechanical Engineering in China	10	2	32	1456	1907

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Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
LiuGT10 LiuGT10	S. Liu, Z. Guo, J. Tang	Constraint Propagation for Cumulative Scheduling Problems with Precedences: Constraint Propagation for Cumulative Scheduling Problems with Precedences	No	[478]	2010	Acta Automatica Sinica	null	2	15	No	1908
LombardiM10a LombardiM10a	M. Lombardi, M. Milano	Allocation and scheduling of Conditional Task Graphs	Yes	[486]	2010	Artificial Intelligence	30	8	24	1544	1909
LombardiMRB10 LombardiMRB10	M. Lombardi, M. Milano, M. Ruggiero, L. Benini	Stochastic allocation and scheduling for conditional task graphs in multi-processor systems-on-chip	Yes	[492]	2010	Journal of Scheduling	31	24	41	1548	1910
LopesCSM10 LopesCSM10	Tony Minoru Tamura Lopes, André A. Ciré, Cid Carvalho de Souza, Arnaldo Vieira Moura	A hybrid model for a multiproduct pipeline planning and scheduling problem	Yes	[493]	2010	Constraints An Int. J.	39	31	18	1549	1911
NovasH10 NovasH10	Juan M. Novas, Gabriela P. Henning	Reactive scheduling framework based on domain knowledge and constraint programming	Yes	[573]	2010	Computers Chemical Engineering	20	48	19	1582	1912
OzturkTHO10 OzturkTHO10	C. Öztürk, S. Tunali, B. Hnich, A. Örnek	Simultaneous Balancing and Scheduling of Flexible Mixed Model Assembly Lines with Sequence-Dependent Setup Times	Yes	[589]	2010	Electronic Notes in Discrete Mathematics	8	15	1	1590	1913
Zeballos10 Zeballos10	L. Zeballos	A constraint programming approach to tool allocation and production scheduling in flexible manufacturing systems	No	[785]	2010	Robotics and Computer-Integrated Manufacturing	null	41	16	No	1914
ZeballosCM10 ZeballosCM10	Luis J. Zeballos, Pedro M. Castro, Carlos A. Méndez	Integrated Constraint Programming Scheduling Approach for Automated Wet-Etch Stations in Semiconductor Manufacturing	No	[788]	2010	Industrial Engineering Chemistry Research	null	22	30	No	1915
ZeballosQH10 ZeballosQH10	L. Zeballos, O. Quiroga, Gabriela P. Henning	A constraint programming model for the scheduling of flexible manufacturing systems with machine and tool limitations	Yes	[787]	2010	Eng. Appl. Artif. Intell.	20	33	28	1653	1916
abs-1009-0347 abs-1009-0347	A. Schutt, T. Feydy, Peter J. Stuckey, Mark G. Wallace	Solving the Resource Constrained Project Scheduling Problem with Generalized Precedences by Lazy Clause Generation	Yes	[660]	2010	CoRR	37	0	0	1660	1917
BidotVLB09 BidotVLB09	J. Bidot, T. Vidal, P. Laborie, J. Christopher Beck	A theoretic and practical framework for scheduling in a stochastic environment	Yes	[116]	2009	Journal of Scheduling	30	58	20	1441	1918
BocewiczBB09 BocewiczBB09	G. Bocewicz, I. Bach, Zbigniew Antoni Banaszak	Logic-algebraic method based and constraints programming driven approach to AGVs scheduling	Yes	[123]	2009	Int. J. Intell. Inf. Database Syst.	19	0	0	1445	1919
CarchraeB09 CarchraeB09	T. Carchrae, J. Christopher Beck	Principles for the Design of Large Neighborhood Search	Yes	[165]	2009	Journal of Mathematical Modelling and Algorithms	26	16	19	1453	1920
GarridoAO09 GarridoAO09	A. Garrido, M. Arangú, E. Onaindia	A constraint programming formulation for planning: from plan scheduling to plan generation	Yes	[282]	2009	Journal of Scheduling	30	5	14	1479	1921
Jans09 Jans09	R. Jans	Solving Lot-Sizing Problems on Parallel Identical Machines Using Symmetry-Breaking Constraints	Yes	[402]	2009	INFORMS Journal on Computing	24	59	73	1518	1922
MilanoW09 MilanoW09	M. Milano, Mark G. Wallace	Integrating Operations Research in Constraint Programming	Yes	[536]	2009	Annals of Operations Research	40	34	46	1565	1923
OhrimenkoSC09 OhrimenkoSC09	O. Ohrimenko, Peter J. Stuckey, M. Codish	Propagation via lazy clause generation	Yes	[581]	2009	Constraints An Int. J.	35	127	15	1587	1924
RuggieroBBMA09 RuggieroBBMA09	M. Ruggiero, D. Bertozzi, L. Benini, M. Milano, A. Andrei	Reducing the Abstraction and Optimality Gaps in the Allocation and Scheduling for Variable Voltage/Frequency MPSoC Platforms	Yes	[644]	2009	IEEE Trans. Comput. Aided Des. Integr. Circuits Syst.	14	9	27	1609	1925
WuBB09 WuBB09	Christine Wei Wu, Kenneth N. Brown, J. Christopher Beck	Scheduling with uncertain durations: Modeling beta-robust scheduling with constraints	Yes	[772]	2009	Computers Operations Research	9	42	5	1645	1926
abs-0907-0939 abs-0907-0939	T. Petit, E. Poder	The Soft Cumulative Constraint	Yes	[605]	2009	CoRR	12	0	0	1659	1927
BartakSR08 BartakSR08	R. Barták, Miguel A. Salido, F. Rossi	Constraint satisfaction techniques in planning and scheduling	No	[75]	2008	Journal of Intelligent Manufacturing	null	54	21	No	1928
ClautiauxJCM08 ClautiauxJCM08	F. Clautiaux, A. Jouglet, J. Carlier, A. Moukrim	A new constraint programming approach for the orthogonal packing problem	No	[188]	2008	Computers Operations Research	null	64	14	No	1929

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GarridoOS08 GarridoOS08	A. Garrido, E. Onaindia, Óscar Sapena	Planning and scheduling in an e-learning environment. A constraint-programming-based approach	Yes	[283]	2008	Eng. Appl. Artif. Intell.	11	22	7	1480	1930
HladikCDJ08 HladikCDJ08	P. Hladik, H. Cambazard, A. Déplanche, N. Jussien	Solving a real-time allocation problem with constraint programming	No	[374]	2008	Journal of Systems and Software	null	36	27	No	1931
KovacsB08 KovacsB08	A. Kovács, J. Christopher Beck	A global constraint for total weighted completion time for cumulative resources	Yes	[435]	2008	Eng. Appl. Artif. Intell.	7	5	14	1528	1932
LiW08 LiW08	H. Li, K. Womer	Scheduling projects with multi-skilled personnel by a hybrid MILP/CP benders decomposition algorithm	Yes	[468]	2008	Journal of Scheduling	18	113	31	1541	1933
LiessM08 LiessM08	O. Liess, P. Michelon	A constraint programming approach for the resource-constrained project scheduling problem	Yes	[470]	2008	Annals of Operations Research	12	22	14	1542	1934
MalikMB08 MalikMB08	Abid M. Malik, J. McInnes, Peter van Beek	Optimal Basic Block Instruction Scheduling for Multiple-Issue Processors Using Constraint Programming	Yes	[514]	2008	Int. J. Artif. Intell. Tools	18	15	8	1555	1935
MercierH08 MercierH08	L. Mercier, Pascal Van Hentenryck	Edge Finding for Cumulative Scheduling	Yes	[530]	2008	INFORMS Journal on Computing	21	32	5	1563	1936
ArtiguesF07 ArtiguesF07	C. Artigues, D. Feillet	A branch and bound method for the job-shop problem with sequence-dependent setup times	Yes	[38]	2007	Annals of Operations Research	25	49	32	1414	1937
Beck07 Beck07	J. Christopher Beck	Solution-Guided Multi-Point Constructive Search for Job Shop Scheduling	Yes	[79]	2007	J. Artif. Intell. Res.	29	34	0	1427	1938
BeckW07 BeckW07	J. Christopher Beck, N. Wilson	Proactive Algorithms for Job Shop Scheduling with Probabilistic Durations	Yes	[91]	2007	J. Artif. Intell. Res.	50	27	0	1432	1939
CorreaLR07 CorreaLR07	Ayoub Insa Corr��a, A. Langevin, L. Rousseau	Scheduling and routing of automated guided vehicles: A hybrid approach	Yes	[196]	2007	Computers Operations Research	20	106	20	1460	1940
Hooker07 Hooker07	John N. Hooker	Planning and Scheduling by Logic-Based Benders Decomposition	Yes	[386]	2007	Operations Research	29	181	19	1510	1941
MercierH07 MercierH07	L. Mercier, Pascal Van Hentenryck	Strong polynomiality of resource constraint propagation	No	[531]	2007	Discrete Optimization	null	5	8	No	1942
Rodriguez07 Rodriguez07	J. Rodriguez	A constraint programming model for real-time train scheduling at junctions	Yes	[634]	2007	Transportation Research Part B: Methodological	15	117	6	1605	1943
Simonis07 Simonis07	H. Simonis	Models for Global Constraint Applications	Yes	[680]	2007	Constraints An Int. J.	30	10	17	1622	1944
BockmayrP06 BockmayrP06	A. Bockmayr, N. Pisaruk	Detecting infeasibility and generating cuts for mixed integer programming using constraint programming	No	[126]	2006	Computers Operations Research	null	12	7	No	1945
Gronkvist06 Gronkvist06	M. Gr��nkvist	Accelerating column generation for aircraft scheduling using constraint propagation	No	[325]	2006	Computers Operations Research	null	28	15	No	1946
Hooker06 Hooker06	John N. Hooker	An Integrated Method for Planning and Scheduling to Minimize Tardiness	Yes	[384]	2006	Constraints An Int. J.	19	19	13	1509	1947
KhayatLR06 KhayatLR06	Ghada El Khayat, A. Langevin, D. Riopel	Integrated production and material handling scheduling using mathematical programming and constraint programming	Yes	[423]	2006	European Journal of Operational Research	15	84	14	1525	1948
MilanoW06 MilanoW06	M. Milano, Mark G. Wallace	Integrating operations research in constraint programming	Yes	[535]	2006	4OR	45	18	46	1564	1949
SadykovW06 SadykovW06	R. Sadykov, Laurence A. Wolsey	Integer Programming and Constraint Programming in Solving a Multimachine Assignment Scheduling Problem with Deadlines and Release Dates	Yes	[648]	2006	INFORMS Journal on Computing	9	45	6	1611	1950
SureshMOK06 SureshMOK06	S. Sundaram, V. Mani, S. N. Omkar, H. J. Kim	Divisible load scheduling in distributed system with buffer constraints: genetic algorithm and linear programming approach	Yes	[691]	2006	Int. J. Parallel Emergent Distributed Syst.	19	12	23	1626	1951
Demasse��AM05 Demasse��AM05	S. Demasse��, C. Artigues, P. Michelon	Constraint-Propagation-Based Cutting Planes: An Application to the Resource-Constrained Project Scheduling Problem	Yes	[217]	2005	INFORMS Journal on Computing	18	43	25	1463	1952

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Hooker05 Hooker05	John N. Hooker	A Hybrid Method for the Planning and Scheduling	Yes	[381]	2005	Constraints An Int. J.	17	68	11	1508	1953
RoePS05 RoePS05	B. Roe, Lazaros G. Papageorgiou, N. Shah	A hybrid MILP/CLP algorithm for multipurpose batch process scheduling	No	[638]	2005	Computers Chemical Engineering	null	48	15	No	1954
VilimBC05 VilimBC05	P. Vilím, R. Barták, O. Cepek	Extension of $O(n \log n)$ Filtering Algorithms for the Unary Resource Constraint to Optional Activities	Yes	[747]	2005	Constraints An Int. J.	23	21	5	1639	1955
ZeballosH05 ZeballosH05	L. Zeballos, Gabriela P. Henning	A Constraint Programming Approach to FMS Scheduling. Consideration of Storage and Transportation Resources	Yes	[786]	2005	Inteligencia Artif.	10	0	0	1652	1956
MaraveliasCG04 MaraveliasCG04	Christos T. Maravelias, Ignacio E. Grossmann	A hybrid MILP/CP decomposition approach for the continuous time scheduling of multipurpose batch plants	No	[515]	2004	Computers Chemical Engineering	null	116	24	No	1957
PoderBS04 PoderBS04	E. Poder, N. Beldiceanu, E. Sanlaville	Computing a lower approximation of the compulsory part of a task with varying duration and varying resource consumption	Yes	[608]	2004	European Journal of Operational Research	16	7	8	1598	1958
BeckR03 BeckR03	J. Christopher Beck, P. Refalo	A Hybrid Approach to Scheduling with Earliness and Tardiness Costs	Yes	[88]	2003	Annals of Operations Research	23	29	0	1431	1959
HookerO03 HookerO03	John N. Hooker, G. Ottosson	Logic-based Benders decomposition	Yes	[390]	2003	Mathematical Programming	28	317	0	1512	1960
Kuchcinski03 Kuchcinski03	K. Kuchcinski	Constraints-driven scheduling and resource assignment	No	[446]	2003	ACM Transactions on Design Automation of Electronic Systems	null	105	15	No	1961
KuchcinskiW03 KuchcinskiW03	K. Kuchcinski, C. Wolinski	Global approach to assignment and scheduling of complex behaviors based on HCDG and constraint programming	Yes	[447]	2003	J. Syst. Archit.	15	19	18	1534	1962
Laborie03 Laborie03	P. Laborie	Algorithms for propagating resource constraints in AI planning and scheduling: Existing approaches and new results	Yes	[450]	2003	Artificial Intelligence	38	128	10	1535	1963
Tsang03 Tsang03	Edward P. K. Tsang	Constraint Based Scheduling: Applying Constraint Programming to Scheduling Problems	Yes	[728]	2003	Journal of Scheduling	2	1	0	1638	1964
HarjunkskiG02 HarjunkskiG02	I. Harjunkski, Ignacio E. Grossmann	Decomposition techniques for multistage scheduling problems using mixed-integer and constraint programming methods	Yes	[345]	2002	Computers Chemical Engineering	20	169	11	1499	1965
Hooker02 Hooker02	John N. Hooker	Logic, Optimization, and Constraint Programming	No	[379]	2002	INFORMS Journal on Computing	null	94	84	No	1966
JussienL02 JussienL02	N. Jussien, O. Lhomme	Local search with constraint propagation and conflict-based heuristics	Yes	[406]	2002	Artificial Intelligence	25	88	16	1519	1967
LorigeonBB02 LorigeonBB02	T. Lorigeon, J. Billaut, J. Bouquard	A dynamic programming algorithm for scheduling jobs in a two-machine open shop with an availability constraint	Yes	[495]	2002	Journal of the Operational Research Society	8	22	0	1551	1968
MilanoORT02 MilanoORT02	M. Milano, G. Ottosson, P. Refalo, Erlendur S. Thorsteinsson	The Role of Integer Programming Techniques in Constraint Programming's Global Constraints	No	[534]	2002	INFORMS Journal on Computing	null	14	31	No	1969
RodriguezDG02 RodriguezDG02	J. Rodriguez, X. Delorme, X. Gandibleux	Railway infrastructure saturation using constraint programming approach	Yes	[636]	2002	Computers in Railways VIII	10	0	0	1606	1970
Timpe02 Timpe02	C. Timpe	Solving planning and scheduling problems with combined integer and constraint programming	Yes	[713]	2002	OR Spectr.	18	42	0	1631	1971
BosiM2001 BosiM2001	F. Bosi, M. Milano	Enhancing CLP branch and bound techniques for scheduling problems	No	[142]	2001	Software: Practice and Experience	null	3	12	No	1972
JainG01 JainG01	V. Jain, Ignacio E. Grossmann	Algorithms for Hybrid MILP/CP Models for a Class of Optimization Problems	Yes	[401]	2001	INFORMS Journal on Computing	19	279	23	1516	1973
MartinPY01 MartinPY01	F. Martin, A. Pinkney, X. Yu	Cane Railway Scheduling via Constraint Logic Programming: Labelling Order and Constraints in a Real-Life Application	Yes	[519]	2001	Annals of Operations Research	17	11	0	1557	1974

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Mason01 Mason01	Andrew J. Mason	Elastic Constraint Branching, the Wedelin/Carmen Lagrangian Heuristic and Integer Programming for Personnel Scheduling	Yes	[521]	2001	Annals of Operations Research	38	5	0	1558	1975
ArtiguesR00 ArtiguesR00	C. Artigues, F. Roubellat	A polynomial activity insertion algorithm in a multi-resource schedule with cumulative constraints and multiple modes	Yes	[42]	2000	European Journal of Operational Research	20	84	3	1415	1976
BaptisteP00 BaptisteP00	P. Baptiste, Claude Le Pape	Constraint Propagation and Decomposition Techniques for Highly Disjunctive and Highly Cumulative Project Scheduling Problems	Yes	[62]	2000	Constraints An Int. J.	21	46	0	1422	1977
BeckF00 BeckF00	J. Christopher Beck, Mark S. Fox	Dynamic problem structure analysis as a basis for constraint-directed scheduling heuristics	Yes	[86]	2000	Artificial Intelligence	51	24	19	1428	1978
BeckF00a BeckF00a	J. Christopher Beck, Mark S. Fox	Constraint-directed techniques for scheduling alternative activities	No	[85]	2000	Artificial Intelligence	null	48	10	No	1979
BruckerK00 BruckerK00	P. Brucker, S. Knust	A linear programming and constraint propagation-based lower bound for the RCPSP	No	[153]	2000	European Journal of Operational Research	null	66	8	No	1980
Dorndorf2000 Dorndorf2000	U. Dorndorf, E. Pesch, T. Phan-Huy	Constraint propagation techniques for the disjunctive scheduling problem	No	[231]	2000	Artificial Intelligence	null	47	33	No	1981
HarjunkoskiJG00 HarjunkoskiJG00	I. Harjunkoski, V. Jain, Ignacio E. Grossman	Hybrid mixed-integer/constraint logic programming strategies for solving scheduling and combinatorial optimization problems	No	[346]	2000	Computers Chemical Engineering	null	44	3	No	1982
HeipckeCCS00 HeipckeCCS00	S. Heipcke, Y. Colombani, Cristina C. B. Cavalcante, Cid C. de Souza	Scheduling under Labour Resource Constraints	Yes	[366]	2000	Constraints An Int. J.	8	5	0	1507	1983
HookerOTK00 HookerOTK00	J. HOOKER, G. OTTOSSON, ERLENDER S. THORSTEINSSON, H. KIM	A scheme for unifying optimization and constraint satisfaction methods	No	[377]	2000	The Knowledge Engineering Review	null	30	0	No	1984
KorbaaYG00 KorbaaYG00	O. Korbaa, P. Yim, J. Gentina	Solving Transient Scheduling Problems with Constraint Programming	Yes	[432]	2000	Eur. J. Control	10	7	4	1527	1985
LopezAKYG00 LopezAKYG00	P. Lopez, H. Alla, O. Korbaa, P. Yim, J. Gentina	Discussion on: 'Solving Transient Scheduling Problems with Constraint Programming' by O. Korbaa, P. Yim, and J.-C. Gentina	Yes	[494]	2000	Eur. J. Control	4	0	0	1550	1986
SakkoutW00 SakkoutW00	Hani El Sakkout, Mark G. Wallace	Probe Backtrack Search for Minimal Perturbation in Dynamic Scheduling	Yes	[649]	2000	Constraints An Int. J.	30	73	0	1612	1987
SchildW00 SchildW00	K. Schild, J. Würtz	Scheduling of Time-Triggered Real-Time Systems	Yes	[652]	2000	Constraints An Int. J.	23	23	0	1614	1988
SimonisCK00 SimonisCK00	H. Simonis, P. Charlier, P. Kay	Constraint Handling in an Integrated Transportation Problem	Yes	[681]	2000	IEEE Intell. Syst.	7	11	5	1623	1989
SourdN00 SourdN00	F. Sourd, W. Nuijten	Multiple-Machine Lower Bounds for Shop-Scheduling Problems	Yes	[685]	2000	INFORMS Journal on Computing	12	7	14	1624	1990
TorresL00 TorresL00	P. Torres, P. Lopez	On Not-First/Not-Last conditions in disjunctive scheduling	Yes	[716]	2000	European Journal of Operational Research	12	26	13	1633	1991
BaptistePN99 BaptistePN99	P. Baptiste, Claude Le Pape, W. Nuijten	Satisfiability tests and time-bound adjustments for cumulative scheduling problems	Yes	[60]	1999	Annals of Operations Research	29	72	0	1423	1992
BensanaLV99 BensanaLV99	E. Bensana, M. Lemaître, G. Verfaillie	Earth Observation Satellite Management	Yes	[113]	1999	Constraints An Int. J.	7	99	0	1440	1993
HookerO99 HookerO99	J. Hooker, M. Osorio	Mixed logical-linear programming	No	[376]	1999	Discrete Applied Mathematics	null	92	48	No	1994
JainM99 JainM99	A. Jain, S. Meeran	Deterministic job-shop scheduling: Past, present and future	Yes	[400]	1999	European Journal of Operational Research	45	490	150	1517	1995
PesantGPR99 PesantGPR99	G. Pesant, M. Gendreau, J. Potvin, J. Rousseau	On the flexibility of constraint programming models: From single to multiple time windows for the traveling salesman problem	No	[602]	1999	European Journal of Operational Research	null	26	18	No	1996

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RodosekWH99 RodosekWH99	R. Rodosek, Mark G. Wallace, M. Hajian	A new approach to integrating mixed integer programming and constraint logic programming	No	[633]	1999	Annals of Operations Research	null	53	0	No	1997
BeckDDF98 BeckDDF98	J. Christopher Beck, Andrew J. Davenport, Eugene D. Davis, Mark S. Fox	The ODO project: toward a unified basis for constraint-directed scheduling	No	[81]	1998	Journal of Scheduling	null	9	0	No	1998
BeckF98 BeckF98	J. Christopher Beck, Mark S. Fox	A Generic Framework for Constraint-Directed Search and Scheduling	Yes	[84]	1998	AI Mag.	30	0	0	1429	1999
BelhadjiI98 BelhadjiI98	S. Belhadji, A. Isli	Temporal Constraint Satisfaction Techniques in Job Shop Scheduling Problem Solving	Yes	[102]	1998	Constraints An Int. J.	9	3	0	1437	2000
BockmayrK98 BockmayrK98	A. Bockmayr, T. Kasper	Branch and Infer: A Unifying Framework for Integer and Finite Domain Constraint Programming	No	[125]	1998	INFORMS Journal on Computing	null	79	27	No	2001
DarbyDowmanL98 DarbyDowmanL98	K. Darby-Dowman, J. Little	Properties of Some Combinatorial Optimization Problems and Their Effect on the Performance of Integer Programming and Constraint Logic Programming	No	[202]	1998	INFORMS Journal on Computing	null	28	6	No	2002
NuijtenP98 NuijtenP98	W. Nuijten, Claude Le Pape	Constraint-Based Job Shop Scheduling with \sc Ilog Scheduler	Yes	[578]	1998	J. Heuristics	16	42	0	1586	2003
PapaB98 PapaB98	Claude Le Pape, P. Baptiste	Resource Constraints for Preemptive Job-shop Scheduling	Yes	[595]	1998	Constraints An Int. J.	25	14	0	1595	2004
Darby-DowmanLMZ97 Darby-DowmanLMZ97	K. Darby-Dowman, J. Little, G. Mitra, M. Zaffalon	Constraint Logic Programming and Integer Programming Approaches and Their Collaboration in Solving an Assignment Scheduling Problem	Yes	[203]	1997	Constraints An Int. J.	20	28	5	1462	2005
FalaschiGMP97 FalaschiGMP97	M. Falaschi, M. Gabbrielli, K. Marriott, C. Palamidessi	Constraint Logic Programming with Dynamic Scheduling: A Semantics Based on Closure Operators	Yes	[256]	1997	Inf. Comput.	27	10	9	1472	2006
LammaMM97 LammaMM97	E. Lamma, P. Mello, M. Milano	A distributed constraint-based scheduler	Yes	[459]	1997	Artif. Intell. Eng.	15	11	7	1539	2007
Zhou97 Zhou97	J. Zhou	A Permutation-Based Approach for Solving the Job-Shop Problem	Yes	[796]	1997	Constraints An Int. J.	29	14	0	1656	2008
BlazewiczDP96 BlazewiczDP96	J. Błażewicz, W. Domschke, E. Pesch	The job shop scheduling problem: Conventional and new solution techniques	Yes	[157]	1996	European Journal of Operational Research	33	344	127	1442	2009
NuijtenA96 NuijtenA96	W. Nuijten, E. Aarts	A computational study of constraint satisfaction for multiple capacitated job shop scheduling	Yes	[577]	1996	European Journal of Operational Research	16	65	6	1585	2010
PeschT96 PeschT96	E. Pesch, Ulrich A. W. Tetzlaff	Constraint Propagation Based Scheduling of Job Shops	No	[604]	1996	INFORMS Journal on Computing	null	22	0	No	2011
SadehF96 SadehF96	N. Sadeh, Mark S. Fox	Variable and value ordering heuristics for the job shop scheduling constraint satisfaction problem	No	[646]	1996	Artificial Intelligence	null	95	17	No	2012
SmithBHW96 SmithBHW96	Barbara M. Smith, Sally C. Brailsford, Peter M. Hubbard, H. Paul Williams	The progressive party problem: Integer linear programming and constraint programming compared	No	[684]	1996	Constraints An Int. J.	null	56	4	No	2013
Wallace96 Wallace96	Mark G. Wallace	Practical Applications of Constraint Programming	Yes	[752]	1996	Constraints An Int. J.	30	87	55	1641	2014
WeilHFP95 WeilHFP95	G. Weil, K. Heus, P. Francois, M. Poujade	Constraint programming for nurse scheduling	No	[760]	1995	IEEE Engineering in Medicine and Biology Magazine	null	56	9	No	2015
BeldiceanuC94 BeldiceanuC94	N. Beldiceanu, E. Contejean	Introducing Global Constraints in CHIP	Yes	[100]	1994	Mathematical and Computer Modelling	27	167	8	1435	2016
Pape94 Pape94	Claude Le Pape	Implementation of resource constraints in ILOG SCHEDULE: a library for the development of constraint-based scheduling systems	Yes	[593]	1994	Intelligent Systems Engineering	34	98	0	1596	2017
AggounB93 AggounB93	A. Aggoun, N. Beldiceanu	Extending CHIP in order to solve complex scheduling and placement problems	Yes	[11]	1993	Mathematical and Computer Modelling	17	187	11	1409	2018

Table 5: Works from bibtex (Total 352)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c	
MintonJPL92	S. Minton, Mark D. Johnston, Andrew B.	Minimizing conflicts: a heuristic repair method for	No	[537]	1992	Artificial	Intelli-	null	437	13	No	2019
MintonJPL92	Phillips, P. Laird	constraint satisfaction and scheduling problems	No	[703]	1992	Comput. J.		null	0	0	No	2020
Tay92 Tay92	David B. H. Tay	COPS: A Constraint Programming Approach to Resource-Limited Project Scheduling	No	[703]	1992	Comput. J.		null	0	0	No	2020
DincbasSH90	M. Dincbas, H. Simonis, Pascal Van Hentenryck	Solving Large Combinatorial Problems in Logic Programming	Yes	[226]	1990	The Journal of Logic Programming		19	86	9	1464	2021
DincbasSH90												
Davis87 Davis87	E. Davis	Constraint propagation with interval labels	No	[206]	1987	Artificial Intelligence		null	308	21	No	2022

3.2 Extracted Concepts

Table 6: Automatically Extracted ARTICLE Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
AbohashimaEG21 [2]	14	stochastic, resource, setup-time, machine, multi-objective, scheduling, order, cmax, transportation	parallel machine	cycle	Python	Gurobi			real-world, generated instance, github	genetic algorithm, ant colony, machine learning, meta heuristic, memetic algorithm	1111	1732
AbreuAPNM21 [207]	21	multi-objective, make-span, open-shop, order, job, resource, machine, preempt, order scheduling, multi-agent, release-date, breakdown, cmax, tardiness, preemptive, periodic, scheduling, completion-time, setup-time, no-wait, task, stochastic, job-shop, distributed, precedence, flow-shop	parallel machine, OSSP, single machine, Open Shop Scheduling Problem	noOverlap, cycle	Python, C++	Cplex	automotive, medical, patient	oil industry	benchmark, generated instance, real-world	simulated annealing, mat heuristic, particle swarm, meta heuristic, genetic algorithm, large neighborhood search	1112	1733
AbreuN22 [208]	20	make-span, transportation, stochastic, flow-time, distributed, resource, job-shop, flow-shop, batch process, bi-objective, cmax, preempt, preemptive, order, tardiness, inventory, scheduling, multi-objective, completion-time, machine, setup-time, job, task, no-wait, open-shop	single machine, Open Shop Scheduling Problem, OSSP	cumulative, noOverlap, cycle	Python	Cplex	medical	chips industry	real-world, benchmark	ant colony, meta heuristic, particle swarm, simulated annealing, genetic algorithm, mat heuristic, large neighborhood search, Lagrangian relaxation	1085	1706
AbreuNP23 [209]	20	scheduling, order, make-span, completion-time, tardiness, earliness, two-machine scheduling, distributed, energy efficiency, job-shop, flow-shop, resource, cmax, machine, job, blocking constraint, stochastic, setup-time, preempt, transportation, no-wait, open-shop	OSSP, parallel machine, Open Shop Scheduling Problem	noOverlap, Blocking constraint	Python	Cplex, OPL	medical	oil industry	real-world, benchmark	simulated annealing, time-tabling, large neighborhood search, genetic algorithm, mat heuristic, meta heuristic	1054	1675

Table 6: Automatically Extracted ARTICLE Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
AbreuPNF23 [3]	12	job, scheduling, distributed, job-shop, preemptive, due-date, machine, make-span, no-wait, flow-shop, completion-time, periodic, stochastic, sustainability, setup-time, open-shop, tardiness, order, earliness, order scheduling, preempt, multi-objective, transportation, bi-objective, resource	RCPSP, OSSP, parallel machine, Open Shop Scheduling Problem	noOverlap, cumulative, disjunctive	Python	Cplex, OPL	medical, robot		real-life, benchmark, real-world	lazy clause generation, mat heuristic, meta heuristic, ant colony, NEH, simulated annealing, large neighborhood search, genetic algorithm	1055	1676
Adelgren2023 [9]	12	job-shop, transportation, periodic, setup-time, preempt, order, inventory, batch process, distributed, resource, completion-time, scheduling, machine, job, re-scheduling, task, preemptive, make-span, release-date, sequence dependent setup	parallel machine	disjunctive		Gurobi, Cplex	pipeline, drone, crew-scheduling, aircraft, operating room		generated instance, benchmark, real-life, github, supplementary material	MINLP, column generation	1056	1677
AfsarVPG23 [10]	14	transportation, make-span, bi-objective, resource, job, precedence, stochastic, task, setup-time, job-shop, due-date, machine, activity, flow-shop, completion-time, multi-objective, open-shop, order, scheduling, preempt		disjunctive		Cplex			real-life, supplementary material, benchmark, real-world	genetic algorithm, meta heuristic, memetic algorithm, reinforcement learning, neural network, particle swarm	1057	1678
AggounB93 [11]	17	task, job, due-date, job-shop, flow-shop, resource, machine, precedence, order, activity, scheduling		Disjunctive constraint, bin-packing, Among constraint, cumulative, Cardinality constraint, circuit, Arithmetic constraint, disjunctive	Prolog	OPL, CHIP	perfect-square, rectangle-packing		real-world	simulated annealing	1397	2018

Table 6: Automatically Extracted ARTICLE Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
AkramNHRSA23 [16]	16	resource, completion-time, scheduling, machine, task, periodic, preempt, order, distributed		cycle, bin-packing	Python	OR-Tools	medical, agriculture		benchmark	genetic algorithm, reinforcement learning, deep learning, GRASP, machine learning, ant colony, simulated annealing	1058	1679
AlfieriGPS23 [19]	13	flow-shop, job, stochastic, flow-time, completion-time, Benders Decomposition, precedence, earliness, scheduling, machine, multi-objective, transportation, setup-time, single-machine scheduling, order, tardiness, make-span, distributed, no-wait, job-shop, resource, inventory	single machine, parallel machine		Java	Cplex	surgery, patient		benchmark	NEH, meta heuristic, mat heuristic, memetic algorithm, particle swarm, ant colony	1059	1680
AntunesABD20 [24]	31	precedence, earliness, scheduling, transportation, periodic, order, distributed, lateness, planned maintenance, activity, due-date, stochastic, re-scheduling, task, Benders Decomposition		bin-packing		Cplex	workforce scheduling, maintenance scheduling	electricity industry	real-world, industrial partner	meta heuristic, column generation, genetic algorithm	1131	1752
ArkhipovBL19 [31]	10	scheduling, machine, job, cmax, task, preemptive, completion-time, make-span, release-date, precedence, job-shop, preempt, order, lateness, resource	Resource-constrained Project Scheduling Problem, psplib, parallel machine, RCPSP	cycle, Cumulatives constraint, cumulative, disjunctive		Z3			benchmark	sweep, time-tabling	1155	1776
ArtiguesF07 [38]	25	job-shop, precedence, batch process, make-span, sequence dependent setup, order, job, machine, preempt, cmax, tardiness, preemptive, scheduling, completion-time, resource, setup-time, one-machine scheduling	single machine, Resource-constrained Project Scheduling Problem	cycle, disjunctive, Disjunctive constraint	C++	Ilog Scheduler	semiconductor		benchmark	meta heuristic, edge-finding, genetic algorithm, large neighborhood search	1316	1937
ArtiguesR00 [42]	20	due-date, no preempt, job-shop, transportation, lateness, precedence, make-span, order, job, activity, machine, preempt, release-date, cmax, scheduling, completion-time, re-scheduling, resource, setup-time, earliness	RCMPSP, RCPSP	cycle, disjunctive, cumulative						simulated annealing	1355	1976

Table 6: Automatically Extracted ARTICLE Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
AstrandJZ20 [47]	13	open-shop, task, stochastic, net present value, precedence, flow-shop, make-span, order, job, activity, scheduling, completion-time, resource, machine, breakdown, periodic, job-shop, re-scheduling, unavailability, setup-time, due-date	parallel machine, Resource-constrained Project Scheduling Problem	disjunctive, alldifferent, Disjunctive constraint, cycle	C++	Gecode	robot	potash industry, mining industry, mineral industry	benchmark, real-life, real-world	meta heuristic, large neighborhood search, genetic algorithm	1132	1753
BadicaBI20 [49]	17	manpower, resource, precedence, scheduling, distributed, task, machine, activity, make-span, completion-time, stochastic, order	Resource-constrained Project Scheduling Problem, psplib	Arithmetic constraint, bin-packing, cycle, Reified constraint	Prolog	Gecode, ECLiPSe	business process		real-world, benchmark	meta heuristic	1133	1754
BajestaniB13 [52]	36	re-scheduling, Benders Decomposition, scheduling, machine, stochastic, transportation, breakdown, order, tardiness, preemptive, make-span, precedence, earliness, Logic-Based Benders Decomposition, job-shop, resource, periodic, setup-time, preempt, single-machine scheduling, inventory, due-date, job, reactive scheduling	single machine, parallel machine	IloPulse, Cardinality constraint, cumulative, IloAlwaysIn, GCC constraint, alwaysIn, circuit		Cplex	railway, maintenance scheduling, aircraft			meta heuristic, reinforcement learning, machine learning	1245	1866
BajestaniB15 [53]	16	completion-time, Benders Decomposition, scheduling, machine, stochastic, breakdown, flow-time, order, tardiness, preemptive, make-span, unavailability, planned maintenance, precedence, sequence dependent setup, Logic-Based Benders Decomposition, job-shop, resource, activity, periodic, setup-time, preempt, single-machine scheduling, due-date, distributed, flow-shop, job	single machine	disjunctive, cumulative, Disjunctive constraint, circuit		Cplex	railway, semiconductor, maintenance scheduling, robot	semiconductor industry	real-world	genetic algorithm, meta heuristic	1222	1843
BandaSC11 [211]	18	precedence, order, scheduling, task				Ilog Solver			benchmark, CSPLib, random instance		1265	1886
BaptisteB18 [58]	10	resource, machine, preempt, preemptive, scheduling, task, manpower, precedence, make-span, order, job	parallel machine, psplib, Resource-constrained Project Scheduling Problem, RCPSP	cumulative, bin-packing		CHIP				lazy clause generation, time-tabling, edge-finding, edge-finder, Lagrangian relaxation	1176	1797

Table 6: Automatically Extracted ARTICLE Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
BaptisteP00 [62]	21	resource, preempt, cmax, preemptive, job-shop, scheduling, re-scheduling, due-date, task, precedence, release-date, flow-shop, make-span, order, job, activity	RCPSp	Disjunctive constraint, disjunctive, cumulative	C++	Claire, CHIP, Ilog Scheduler			benchmark	energetic reasoning, edge-finding, edge-finder	1356	1977
BaptistePN99 [60]	29	scheduling, machine, flow-shop, job, cmax, re-scheduling, task, preemptive, make-span, release-date, precedence, setup-time, preempt, order, job-shop, resource, activity, due-date	Resource-constrained Project Scheduling Problem, CuSP, RCPSp	cumulative, disjunctive	C++	Claire			benchmark, real-life	energetic reasoning, edge-finding	1371	1992
BartakCS10 [69]	31	resource, scheduling, job, precedence, task, setup-time, job-shop, machine, activity, flow-shop, order	RCPSp	disjunctive	Prolog	SICStus			real-life, benchmark, real-world		1284	1905
BartakS11 [70]	5	scheduling, task, multi-agent, distributed, resource, order	Resource-constrained Project Scheduling Problem	cumulative		OPL		software industry	random instance, real-world, real-life		1266	1887
BartakSR10 [71]	31	scheduling, preempt, make-span, job, precedence, release-date, stochastic, distributed, task, job-shop, preemptive, due-date, machine, activity, flow-shop, temporal constraint reasoning, completion-time, order, cmax, open-shop, tardiness, resource, lateness, multi-agent	TCSP, single machine, Temporal Constraint Satisfaction Problem	Disjunctive constraint, cumulative, disjunctive		CPO, Choco Solver, OPL	robot, meeting scheduling		real-life, real-world	machine learning, not-last, meta heuristic, edge-finding, sweep, not-first	1285	1906
Beck07 [79]	29	stochastic, order, scheduling, machine, job-shop, tardiness, periodic, activity, flow-shop, precedence, make-span, resource, job		Disjunctive constraint, disjunctive		Ilog Scheduler			benchmark	machine learning, meta heuristic, systematic local search, genetic algorithm	1317	1938
BeckF00 [86]	51	transportation, preemptive, precedence, job-shop, due-date, reactive scheduling, machine, preempt, activity, inventory, release-date, resource, task, job, stochastic, order, make-span, scheduling	single machine	cumulative, disjunctive, Disjunctive constraint, Cardinality constraint			robot		real-world, benchmark	not-last, edge-finding, not-first	1357	1978

Table 6: Automatically Extracted ARTICLE Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
BeckF98 [84]	30	preemptive, precedence, job-shop, due-date, machine, preempt, re-scheduling, multi-agent, activity, distributed, inventory, release-date, resource, task, tardiness, job, order, make-span, scheduling	single machine	circuit, cumulative, disjunctive	Prolog		robot, business process		real-world, benchmark	deep learning, machine learning, simulated annealing, column generation, genetic algorithm, edge-finding	1378	1999
BeckFW11 [83]	14	cmax, breakdown, resource, job-shop, precedence, preempt, order, scheduling, completion-time, machine, job, periodic, make-span		disjunctive, table constraint, cumulative	C++	Ilog Scheduler			benchmark, real-world	machine learning, meta heuristic, simulated annealing, reinforcement learning	1267	1888
BeckR03 [88]	23	job-shop, due-date, machine, re-scheduling, completion-time, activity, breakdown, inventory, earliness, flow-shop, release-date, resource, tardiness, job, order, make-span, scheduling, flow-time, precedence		disjunctive		Ilog Scheduler, Ilog Solver, Cplex	hoist		benchmark	column generation, genetic algorithm, edge-finder	1338	1959
BeckW07 [91]	50	job-shop, multi-objective, reactive scheduling, machine, preempt, re-scheduling, activity, distributed, flow-shop, no preempt, resource, task, tardiness, job, stochastic, order, make-span, scheduling, flow-time, precedence	Resource-constrained Project Scheduling Problem, RCPSP, single machine	Balance constraint		Ilog Scheduler	telescope, robot		benchmark	column generation, edge-finder, edge-finding	1318	1939
Bedhief21 [92]	7	setup-time, preempt, no-wait, scheduling, make-span, completion-time, release-date, no preempt, sequence dependent setup, due-date, flow-shop, transportation, machine, job, order, tardiness	single machine, parallel machine, HFS	noOverlap		OPL, Cplex	robot, medical		real-life	meta heuristic, genetic algorithm	1113	1734
BegB13 [93]	23	scheduling, machine, breakdown, task, completion-time, re-scheduling, resource, order, distributed	TMS	cycle			pipeline		benchmark		1246	1867

Table 6: Automatically Extracted ARTICLE Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
BeldiceanuC94 [100]	27	task, precedence, resource, order, completion-time, scheduling, machine		circuit, Element constraint, Among constraint, Atmost constraint, cumulative, diffn, Arithmetic constraint, alldifferent, cycle, bin-packing	Prolog	OPL, CHIP, CPO, OZ	car manufacturing, pipeline		real-world, real-life, benchmark		1395	2016
BeldiceanuCDP11 [98]	24	cmax, preempt, task, resource, preemptive, order, scheduling		geost, disjunctive, diffn, cumulative, bin-packing	Prolog	SICStus, CHIP	rectangle-packing, perfect-square		benchmark	sweep, edge-finding, energetic reasoning	1268	1889
BelhadjiI98 [102]	9	precedence, release-date, preemptive, order, job, scheduling, resource, machine, preempt, due-date, job-shop, task	JSSP, Temporal Constraint Satisfaction Problem, TCSP	Disjunctive constraint, disjunctive					real-life		1379	2000
BenediktMH20 [105]	19	job, re-scheduling, task, preemptive, scheduling, machine, preempt, single-machine scheduling, order, sustainability, energy efficiency, job-shop	single machine	endBeforeStart, noOverlap		Gurobi	robot		benchmark, random instance, github, generated instance		1135	1756
BeniniLMR11 [111]	27	resource, one-machine scheduling, Benders Decomposition, Logic-Based Benders Decomposition, task, precedence, make-span, order, activity, machine, preempt, release-date, energy efficiency, tardiness, preemptive, periodic, scheduling, re-scheduling	SCC, single machine	table constraint, circuit, cumulative		Ilog Scheduler, Cplex	pipeline		real-world, benchmark, instance generator	column generation, machine learning	1269	1890
BensanaLV99 [113]	7	order		cycle		Ilog Solver, Cplex	satellite, earth observation		benchmark		1372	1993
BidotVLB09 [116]	30	task, job-shop, due-date, machine, activity, inventory, tardiness, order, breakdown, re-scheduling, make-span, reactive scheduling, resource, job, precedence, release-date, periodic, stochastic, scheduling, distributed	JSSP, Resource-constrained Project Scheduling Problem	cumulative, disjunctive	C++	Ilog Scheduler, OPL	telescope, robot		real-world, real-life	edge-finder, edge-finding	1297	1918

Table 6: Automatically Extracted ARTICLE Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
BlazewiczDP96 [157]	33	stochastic, distributed, due-date, inventory, preempt, make-span, task, job-shop, precedence, setup-time, preemptive, release-date, resource, flow-shop, one-machine scheduling, no-wait, activity, job, order, completion-time, single-machine scheduling, scheduling, machine, lateness	parallel machine, single machine	disjunctive, cumulative, cycle, Disjunctive constraint		OPL, CHIP	robot		benchmark	machine learning, energetic reasoning, Lagrangian relaxation, neural network, edge-finding, genetic algorithm, simulated annealing	1388	2009
BlomBPS14 [121]	19	task, distributed, resource, net present value, stochastic, transportation, scheduling, Benders Decomposition, precedence, order		disjunctive		Cplex	offshore	mineral industry	industry partner, benchmark	MINLP	1235	1856
BlomPS16 [122]	26	re-scheduling, order, scheduling, machine, task, activity, transportation, distributed, resource, precedence, producer/consumer, batch process		disjunctive		Cplex	pipeline, offshore	process industry	industry partner, benchmark	genetic algorithm, Lagrangian relaxation, MINLP	1205	1826
BocewiczBB09 [123]	19	precedence, scheduling, machine, transportation, periodic, order, tardiness, distributed, job-shop, resource, multi-agent, job, task, completion-time		cycle			robot			not-last	1298	1919
Bonfietti16 [130]	13	task, distributed, precedence, order, activity, scheduling, resource, periodic		disjunctive, cumulative, circuit	C++		pipeline		benchmark		1206	1827
BonfiettiLBM14 [133]	28	scheduling, order, make-span, precedence, task, cyclic scheduling, buffer-capacity, job, resource, activity, periodic, distributed, machine, job-shop	Partial Order Schedule, RCPSP	circuit, cumulative, cycle		Ilog Solver	pipeline, hoist, medical, robot		benchmark, real-world, generated instance, industrial instance	time-tabling, sweep	1236	1857
BorghesiBLMB18 [141]	13	job, re-scheduling, distributed, scheduling, order, make-span, resource, activity, task, machine		cumulative, cycle			high performance computing, super-computer		benchmark, real-life	machine learning	1177	1798
BourreauGGLT22 [146]	19	re-scheduling, scheduling, order, manpower, no-wait, precedence, transportation, job, resource		disjunctive, diffn, Disjunctive constraint, alldifferent, cycle	C++	Cplex, Choco Solver, CHIP	workforce scheduling, crew-scheduling, maintenance scheduling, nurse	printing industry	real-world, benchmark	large neighborhood search, meta heuristic, column generation, genetic algorithm	1087	1708

Table 6: Automatically Extracted ARTICLE Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
BridiBLMB16 [150]	14	energy efficiency, make-span, job, scheduling, resource, machine, tardiness, re-scheduling, sustainability, order, activity, stochastic, distributed, Pareto		circuit, cycle, cumulative			medical, super-computer		real-life, real-world	large neighborhood search, genetic algorithm, machine learning, meta heuristic	1208	1829
Caballero23 [159]	1	resource, scheduling	Resource-constrained Project Scheduling Problem, RCPSP								1060	1681
CampeauG22 [162]	18	task, activity, make-span, completion-time, precedence, net present value, stochastic, order, resource, job, scheduling	RCPSP, Resource-constrained Project Scheduling Problem, RCPSPDC	noOverlap, endBeforeStart, cumulative, alwaysIn, cycle	Python	Cplex		mining industry	real-life, real-world	edge-finding, column generation	1088	1709
CarchraeB09 [165]	26	make-span, order, job, machine, tardiness, scheduling, resource, earliness, task, job-shop, precedence		cumulative	C++	Ilog Scheduler, OPL			benchmark, real-world	reinforcement learning, machine learning, meta heuristic, sweep, large neighborhood search	1299	1920
CauwelaertDS20 [179]	19	completion-time, job, resource, activity, machine, preemptive, job-shop, scheduling, order, batch process, sequence dependent setup, make-span, preempt, setup-time, precedence, transportation, task		cycle, Cardinality constraint, disjunctive, cumulative	Java		container terminal, patient		benchmark, real-life, bit-bucket, generated instance	edge-finding, not-last, Lagrangian relaxation, not-first	1137	1758
CauwelaertLS18 [178]	36	scheduling, order, task, job, resource, activity, machine, job-shop	Resource-constrained Project Scheduling Problem, psplib, RCPSP	table constraint, circuit, alldifferent, bin-packing, disjunctive, cumulative, Reified constraint, GCC constraint	Java, Prolog	OPL, Gecode, CHIP			benchmark, bit-bucket	large neighborhood search, not-last, not-first, energetic reasoning, meta heuristic, edge-finding, time-tabling, sweep	1179	1800

Table 6: Automatically Extracted ARTICLE Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
ChenGPSH10 [183]	10	activity, make-span, job, precedence, Benders Decomposition, stochastic, job-shop, due-date, open-shop, completion-time, order, lateness, producer/consumer, re-scheduling, resource, scheduling, preempt, manpower, task, preemptive, transportation, machine	JSSP	Disjunctive constraint, cumulative, disjunctive, cycle, diffn	C++	Ilog Scheduler, Ilog Solver		semiprocess industry, chemistry industry, process industry, chemical industry	real-life	not-last, energetic reasoning, particle swarm, genetic algorithm, time-tabling, neural network	1286	1907
CireCH16 [187]	12	tardiness, scheduling, Benders Decomposition, task, order, make-span, stochastic, resource, Logic-Based Benders Decomposition, breakdown		cumulative		Cplex				mat heuristic	1209	1830
CobanH11 [191]	28	stochastic, completion-time, machine, job, task, release-date, make-span, distributed, resource, tardiness, Benders Decomposition, Logic-Based Benders Decomposition, preempt, due-date, re-scheduling, preemptive, order, scheduling	single machine	cumulative, circuit, noOverlap		OPL, Cplex			random instance	time-tabling	1270	1891
ColT22 [199]	19	no preempt, due-date, distributed, preempt, scheduling, preemptive, machine, batch process, multi-objective, breakdown, open-shop, job-shop, lateness, task, tardiness, order, one-machine scheduling, transportation, flow-shop, completion-time, precedence, make-span, resource, job, setup-time	PMSP, Open Shop Scheduling Problem, FJS, single machine, JSSP, OSSP, parallel machine	alldifferent, cumulative, circuit, noOverlap, Arithmetic constraint, disjunctive	C++, Java	OR-Tools, MiniZinc, CPO, Cplex, OPL	semiconductor oven scheduling, robot		generated instance, supplementary material, github, real-life, real-world	genetic algorithm, particle swarm, machine learning, memetic algorithm, simulated annealing, large neighborhood search	1089	1710
CorreaLR07 [196]	20	task, machine, make-span, precedence, Benders Decomposition, order, transportation, release-date, scheduling, Logic-Based Benders Decomposition	parallel machine	disjunctive		Cplex, OPL, Choco Solver, Ilog Solver	workforce scheduling, container terminal	heavy industry	real-world	column generation	1319	1940
CzerniachowskaWZ23 [197]	14	periodic, make-span, multi-objective, scheduling, Pareto, setup-time, transportation, flow-shop, activity, machine, order, completion-time, task, job, resource, job-shop, sustainability	JSSP, PTC, parallel machine	endBeforeStart, noOverlap		CPO, OPL, Cplex	robot, automotive	manufacturing industry, pharmaceutical industry, automotive industry	benchmark, Roadef, real-world	meta heuristic, particle swarm	1061	1682

Table 6: Automatically Extracted ARTICLE Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
Darby-DowmanLMZ97 [203]	20	scheduling, order, make-span, resource, machine, task	MGAP, single machine	span constraint, disjunctive, Disjunctive constraint, Element constraint	Prolog	ECLiPSe, Cplex	aircraft, pipeline, workforce scheduling		real-life, real-world, benchmark		1384	2005
DemasseyAM05 [217]	18	precedence, job-shop, preempt, order, resource, activity, scheduling, machine, job, task, preemptive, completion-time, make-span, release-date	Resource-constrained Project Scheduling Problem, psplib, RCPSP, single machine	cumulative, disjunctive, cycle		Cplex			benchmark	column generation, edge-finding, energetic reasoning, Lagrangian relaxation	1331	1952
DincbasSH90 [226]	19	task, job-shop, distributed, precedence, order, job, machine, scheduling, resource		circuit, Disjunctive constraint, disjunctive	Prolog	CHIP, OPL			real-life		1400	2021
DoulabiRP16 [233]	17	stochastic, distributed, order, scheduling, resource, machine, single-machine scheduling, transportation	single machine	cycle, bin-packing, Element constraint		Cplex, OPL	medical, patient, nurse, surgery, operating room, steel mill, rectangle-packing, crew-scheduling, robot		real-world, generated instance	column generation, genetic algorithm	1210	1831
ElciOH22 [239]	21	resource, Logic-Based Benders Decomposition, due-date, order, tardiness, scheduling, Benders Decomposition, job, task, make-span, transportation, stochastic, single-machine scheduling, machine, distributed	single machine	cumulative, disjunctive	Julia	Cplex	surgery, patient, crew-scheduling, aircraft, operating room		benchmark, random instance, real-life		1090	1711
EmdeZD22 [243]	30	flow-time, distributed, resource, tardiness, inventory, scheduling, Benders Decomposition, completion-time, precedence, batch process, task, open-shop, order, stochastic, machine, job, no-wait, job-shop, release-date, Logic-Based Benders Decomposition, make-span, transportation, single-machine scheduling, bi-objective	single machine, parallel machine	noOverlap, bin-packing	C	Cplex	automotive, pipeline, drone, semi-conductor, yard crane	automotive industry	random instance, github		1091	1712
EscobetPQPRA19 [247]	10	task, reactive scheduling, release-date, Pareto, job, resource, activity, periodic, distributed, machine, multi-objective, job-shop, scheduling, order, batch process, due-date		circuit, cycle, alternative constraint, noOverlap		OPL, Cplex	energy-price, dairy	dairy industry, food industry, manufacturing industry		MINLP, meta heuristic	1158	1779

Table 6: Automatically Extracted ARTICLE Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
EtminaniesfahaniGNMS22	10	job, order, job-shop, preempt, machine, earliness, precedence, cmax, open-shop, resource, tardiness, preemptive, net present value, stochastic, activity, make-span, task, scheduling	RCPSP, psplib, parallel machine, Resource-constrained Project Scheduling Problem		Python	OR-Tools, Cplex	crew-scheduling, aircraft		real-world	large neighborhood search, lazy clause generation, memetic algorithm, mat heuristic, ant colony, Lagrangian relaxation, particle swarm, genetic algorithm, meta heuristic	1092	1713
EvenSH15a [251]	16	distributed, resource, transportation, machine, Benders Decomposition, order, preempt, preemptive, scheduling, completion-time, task		cumulative, disjunctive, Disjunctive constraint	Java	Choco Solver, OPL	emergency service, evacuation		real-world, real-life	ant colony, mat heuristic, meta heuristic, sweep, column generation	1223	1844
FahimiOQ18 [254]	22	completion-time, batch process, open-shop, order, lateness, preempt, sequence dependent setup, resource, job, precedence, scheduling, distributed, task, setup-time, job-shop, preemptive, due-date, machine, make-span	Resource-constrained Project Scheduling Problem, psplib, RCPSP	AllDiff constraint, cumulative, disjunctive, Disjunctive constraint, alldifferent, Cumulatives constraint		Choco Solver			benchmark, random instance	time-tabling, sweep, edge-finding, not-first, not-last, lazy clause generation	1180	1801
FalaschiGMP97 [256]	27	order, scheduling		Arithmetic constraint	Prolog						1385	2006
FallahiAC20 [257]	18	order, resource, scheduling, transportation, task		cycle		OR-Tools	workforce scheduling, nurse, robot, medical, container terminal		github, real-life	Lagrangian relaxation, column generation, neural network, sweep, simulated annealing, memetic algorithm, meta heuristic, large neighborhood search	1139	1760

Table 6: Automatically Extracted ARTICLE Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
FanXG21 [258]	15	flow-time, tardiness, multi-objective, job, stochastic, order, reactive scheduling, batch process, machine, completion-time, distributed, precedence, setup-time, job-shop, unavailability, due-date, no preempt, preempt, breakdown, one-machine scheduling, earliness, task, flow-shop, resource, make-span, scheduling	single machine, parallel machine	cycle	Python, Java	Cplex, ECLiPSe, Gurobi	semiconductor	manufacturing industry	benchmark	ant colony, simulated annealing, max-flow, machine learning, neural network, meta heuristic	1116	1737
FarsiTM22 [259]	14	completion-time, multi-objective, tardiness, earliness, periodic, Logic-Based Benders Decomposition, distributed, task, resource, bi-objective, continuous-process, re-scheduling, stochastic, Pareto, no-wait, scheduling, Benders Decomposition, make-span		alldifferent, circuit		Cplex	physician, patient, operating room, surgery, robot, medical, nurse		supplementary material	time-tabling, ant colony, genetic algorithm, meta heuristic	1093	1714
Fatemi-AnarakiTFV23 [260]	15	machine, cmax, resource, no-wait, single-machine scheduling, order, completion-time, scheduling, breakdown, job, transportation, setup-time, re-scheduling, distributed, job-shop, task, cyclic scheduling, make-span, multi-agent	parallel machine, single machine	bin-packing, circuit, disjunctive, cycle	Python	Cplex, OPL	electroplating, semiconductor, COVID, robot, hoist	food industry	github, real-world, random instance	ant colony, mat heuristic, meta heuristic, time-tabling	1063	1684
FetgoD22 [262]	32	precedence, cmax, preempt, order, scheduling, completion-time, task, make-span, resource	RCPSP, CuSP, Resource-constrained Project Scheduling Problem	cumulative	Java, Python	CHIP, Choco Solver			benchmark, real-world	lazy clause generation, edge-finder, time-tabling, not-first, not-last, energetic reasoning, edge-finding, sweep	1094	1715
ForbesHJST24 [267]	15	Logic-Based Benders Decomposition, job-shop, order, distributed, resource, Benders Decomposition, scheduling, machine, job, stochastic, re-scheduling, task, make-span, release-date		cumulative	Python	Gurobi, OPL	emergency service, surgery, patient, operating room		benchmark, real-life, github	genetic algorithm	1050	1671
GarridoAO09 [282]	30	multi-objective, scheduling, resource, task, re-scheduling, precedence, make-span, order		disjunctive	Java	OPL, CPO, Choco Solver			benchmark		1300	1921

Table 6: Automatically Extracted ARTICLE Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
GarridoOS08 [283]	11	scheduling, resource, task, make-span, order, activity, machine			Java, C	CPO, Choco Solver			real-world		1309	1930
GedikKEK18 [288]	11	resource, job, scheduling, task, preemptive, machine, make-span, completion-time, stochastic, cmax, setup-time, due-date, tardiness, order, preempt, sequence dependent setup, breakdown, multi-objective, transportation	single machine, parallel machine, PMSP	noOverlap, cumulative		Cplex	nurse, medical	manufacturing industry	benchmark	column generation, meta heuristic, ant colony, simulated annealing, large neighborhood search, genetic algorithm	1181	1802
GoelSHFS15 [305]	12	precedence, inventory, setup-time, activity, order, resource, scheduling, task, transportation, unavailability, machine		noOverlap, alwaysEqual constraint, alwaysIn, cumulative, disjunctive		OPL, Cplex, CPO	pipeline	gas industry, transportation industry		large neighborhood search	1224	1845
GokPTGO23 [307]	36	precedence, order, make-span, completion-time, multi-objective, tardiness, activity, distributed, task, resource, multi-agent, bi-objective, machine, job, re-scheduling, stochastic, inventory, job-shop, setup-time, transportation, Pareto, scheduling	Resource-constrained Project Scheduling Problem, RCPSP	cumulative, cycle, circuit, alldifferent, disjunctive		OPL	offshore, workforce scheduling, aircraft	airline industry	github, world	reinforcement learning, large neighborhood search, machine learning, genetic algorithm, meta heuristic	1065	1686
GokgurHO18 [308]	17	task, setup-time, job-shop, preemptive, due-date, machine, activity, flow-shop, completion-time, order, cmax, tardiness, resource, earliness, scheduling, preempt, transportation, make-span, job, precedence, release-date	parallel machine, single machine	alternative constraint, cumulative, disjunctive, Channeling constraint, Disjunctive constraint		OPL, CHIP	robot, semiconductor		real-world, real-life	meta heuristic, edge-finding, energetic reasoning, genetic algorithm, not-first, mat heuristic, not-last	1182	1803
GoldwaserS18 [310]	32	scheduling, machine, transportation, order, Logic-Based Benders Decomposition, resource, due-date, flow-shop, task, Benders Decomposition		cumulative	Python	Gurobi, CHIP, Gecode, Chuffed	torpedo	steel industry	github, generated instance, benchmark	sweep, simulated annealing, time-tabling, column generation, lazy clause generation	1183	1804

Table 6: Automatically Extracted ARTICLE Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
GombolayWS18 [312]	20	machine, job, re-scheduling, open-shop, task, preemptive, make-span, precedence, Logic-Based Benders Decomposition, job-shop, breakdown, periodic, setup-time, multi-agent, preempt, order, distributed, flow-shop, resource, completion-time, Benders Decomposition, scheduling	OSP, Resource-constrained Project Scheduling Problem	cumulative, disjunctive	Java	Gurobi, OPL	aircraft, robot, crew-scheduling, patient		real-world, instance generator, benchmark	simulated annealing, genetic algorithm, edge-finding, meta heuristic	1184	1805
GomesM17 [314]	11	distributed, resource, Pareto, release-date, Logic-Based Benders Decomposition, due-date, order, tardiness, inventory, scheduling, Benders Decomposition, completion-time, setup-time, job, make-span, transportation, stochastic, single-machine scheduling, machine	parallel machine, PMSP, single machine	cycle	C++	Cplex				meta heuristic, simulated annealing, genetic algorithm, Lagrangian relaxation, ant colony	1196	1817
GrimesH15 [319]	17	cmax, machine, job, lateness, job-shop, setup-time, preempt, flow-shop, no-wait, open-shop, scheduling, precedence, order, make-span, completion-time, tardiness, release-date, earliness, preemptive, sequence dependent setup, distributed, task, due-date, batch process, resource	OSP, Open Shop Scheduling Problem, JSSP	noOverlap, Balance constraint, disjunctive, IloNoOverlap, endBeforeStart, Disjunctive constraint, cumulative		Choco Solver, Ilog Scheduler, Mistral, CPO	semiconductor	semiconductor industry	real-world, benchmark	genetic algorithm, particle swarm, not-first, meta heuristic, not-last, simulated annealing, memetic algorithm, time-tabling, large neighborhood search, edge-finding	1225	1846
GrimesIOS14 [321]	16	completion-time, resource, machine, preempt, periodic, re-scheduling, sustainability, due-date, task, stochastic, distributed, preemptive, order, activity, scheduling		disjunctive		CHIP, Cplex	energy-price, real-time pricing, HVAC		real-world, real-life	machine learning	1237	1858
GuoZ23 [331]	29	activity, order, unavailability, sequence dependent setup, make-span, Logic-Based Benders Decomposition, resource, job, transportation, setup-time, stochastic, Benders Decomposition, distributed, scheduling, inventory, machine, multi-objective, job-shop, task	parallel machine	bin-packing, cycle, Balance constraint	Python	SCIP, Cplex, OPL, Gurobi	patient, railway, vaccine, COVID, automotive, drone, medical, physician, operating room	automotive industry, garment industry	real-world, supplementary material, github, benchmark	column generation, ant colony, machine learning	1066	1687

Table 6: Automatically Extracted ARTICLE Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
GurEA19 [803]	24	order, Pareto, resource, scheduling, multi-objective, stochastic, re-scheduling, completion-time, distributed, job-shop, job				Cplex	patient, medical, surgery, operating room	service industry	real-life	ant colony, meta heuristic, Lagrangian relaxation	1159	1780
GurPAE23 [332]	25	multi-objective, bi-objective, re-scheduling, order, scheduling, stochastic, machine, distributed, resource, inventory		cumulative		OPL, Cplex	physician, surgery, patient, nurse, operating room, COVID		real-life	neural network, meta heuristic, machine learning	1067	1688
GuyonLPR12 [333]	25	precedence, Benders Decomposition, Logic-Based Benders Decomposition, order, cmax, resource, release-date, scheduling, preempt, manpower, task, job-shop, preemptive, unavailability, machine, activity, make-span, flow-shop, job, completion-time	parallel machine, single machine	disjunctive, cycle		Cplex	satellite		generated instance, benchmark, instance generator	time-tabling, column generation, Lagrangian relaxation, energetic reasoning	1254	1875
HachemiGR11 [334]	16	precedence, make-span, scheduling, resource, Benders Decomposition, Logic-Based Benders Decomposition, task, job-shop, transportation, order, job, activity		alldifferent, GCC constraint, cycle, Cardinality constraint		OPL, Ilog Scheduler, Cplex	forestry, crew-scheduling	food industry, airline industry, forest industry		column generation, meta heuristic	1272	1893
Ham18 [341]	14	cmax, precedence, scheduling, make-span, machine, inventory, transportation, distributed, task, batch process, completion-time, resource, job-shop, job, sequence dependent setup, due-date, order	parallel machine	endBeforeStart, cycle, cumulative, noOverlap, disjunctive		Cplex, OPL	drone, semiconductor, robot, aircraft	taxi industry		genetic algorithm, meta heuristic	1185	1806
Ham18a [335]	10	scheduling, inventory, machine, batch process, cmax, job-shop, task, order, completion-time, make-span, tardiness, resource, job, setup-time, due-date	parallel machine	circuit, cycle, noOverlap, alternative constraint, disjunctive		CPO, Cplex, OPL	drone, semiconductor, robot		real-world	meta heuristic	1186	1807
HamC16 [342]	6	scheduling, machine, batch process, cmax, multi-objective, bi-objective, job-shop, task, order, completion-time, sequence dependent setup, precedence, make-span, resource, job, transportation, setup-time	FJS	alwaysEqual constraint, cycle, endBeforeStart		Cplex, OPL	semiconductor	pharmaceutical industry	benchmark	particle swarm, meta heuristic, genetic algorithm	1211	1832

Table 6: Automatically Extracted ARTICLE Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
HamPK21 [340]	12	flow-shop, resource, make-span, scheduling, single-machine scheduling, sequence dependent setup, tardiness, multi-objective, order, machine, completion-time, distributed, precedence, cmax, setup-time, job-shop, re-scheduling, bi-objective, task, job	single machine, parallel machine, FJS	noOverlap, cycle, endBeforeStart		OPL, Cplex	robot, semiconductor, agriculture		github, benchmark	particle swarm, genetic algorithm, ant colony, simulated annealing, swarm intelligence, Lagrangian relaxation, meta heuristic	1118	1739
HarjunkoskiG02 [345]	20	job, due-date, scheduling, order, resource, setup-time, activity, task, single-stage scheduling, machine, release-date, flow-shop, job-shop		cumulative		ECLiPSe, Ilog Scheduler, CHIP, Ilog Solver, Cplex, OPL				genetic algorithm, simulated annealing	1344	1965
HarjunkoskiMBC14 [347]	33	distributed, make to stock, machine, re-scheduling, Benders Decomposition, precedence, multi-objective, earliness, order, job-shop, Logic-Based Benders Decomposition, lateness, unavailability, resource, task, release-date, activity, setup-time, inventory, due-date, breakdown, Pareto, job, continuous-process, periodic, batch process, scheduling, reactive scheduling, transportation, stochastic, manpower, make-span, cyclic scheduling, tardiness	single machine	circuit, cycle, disjunctive		CHIP, Gurobi, Cplex, Gecode, SCIP, OPL, ECLiPSe	semiconductor, dairy, automotive, pipeline	dairy industry, petrochemical industry, oil industry, chemical industry, paper industry, process industry, pharmaceutical industry	real-life, benchmark, real-world	simulated annealing, column generation, MINLP, particle swarm, large neighborhood search, meta heuristic	1238	1859
HauderBRPA20 [351]	14	setup-time, order, tardiness, make-span, bi-objective, no-wait, job-shop, resource, activity, inventory, due-date, scheduling, flow-shop, job, stochastic, task, completion-time, precedence, earliness, machine, multi-objective, transportation, breakdown, manpower	RCPSP, RCMPSP, Resource-constrained Project Scheduling Problem, FJS	cumulative, cycle		OPL, Cplex	aircraft	automobile industry, food-processing industry, steel industry, processing industry	real-world, industry partner, benchmark, supplementary material	particle swarm, genetic algorithm, meta heuristic	1143	1764
HebrardHJMPV16 [354]	10	online scheduling, cmax, scheduling, order, make-span, completion-time, resource, task, distributed, machine, job	parallel machine	cumulative			satellite, earth observation		industrial partner		1212	1833

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
HeckmanB11 [358]	20	tardiness, order, resource, job, scheduling, Pareto, job-shop, machine, activity, make-span, flow-shop, precedence		disjunctive, Completion constraint		Ilog Scheduler			real-world, benchmark	edge-finding, genetic algorithm, meta heuristic, edge-finder, simulated annealing	1273	1894
HeinzNVH22 [364]	16	re-scheduling, bi-objective, resource, scheduling, preempt, sequence dependent setup, task, preemptive, unavailability, machine, activity, make-span, job, precedence, distributed, setup-time, flow-shop, completion-time, order	parallel machine	cumulative, noOverlap, alternative constraint		Gurobi	robot, high performance computing, crew-scheduling		real-world, generated instance, benchmark, gitlab	genetic algorithm, Lagrangian relaxation, meta heuristic	1095	1716
HeinzSB13 [363]	36	preempt, scheduling, precedence, order, completion-time, release-date, due-date, resource, machine, job	single machine, psplib, RCPSP, Resource-constrained Project Scheduling Problem	disjunctive, cumulative		MiniZinc, SCIP, Cplex	satellite		benchmark	edge-finding, time-tabling	1247	1868
HeinzSSW12 [361]	12	inventory, order, task		bin-packing		Cplex	steel mill	steel industry, process industry	real-world, CSplib	large neighborhood search, column generation	1255	1876
HeipckeCCS00 [366]	8	resource, activity, completion-time, due-date, scheduling, machine, job, task, preemptive, make-span, release-date, precedence, job-shop, preempt, order	single machine, RCPSP, Resource-constrained Project Scheduling Problem	disjunctive, cumulative, Disjunctive constraint					benchmark, instance generator		1362	1983
Hooker05 [381]	17	machine, job, task, release-date, make-span, distributed, resource, Logic-Based Benders Decomposition, precedence, due-date, order, tardiness, scheduling, Benders Decomposition		disjunctive, cumulative, circuit		OPL, Ilog Scheduler, Cplex			random instance	MINLP, edge-finding	1332	1953
Hooker06 [384]	19	machine, job, task, release-date, make-span, resource, Logic-Based Benders Decomposition, precedence, due-date, order, tardiness, scheduling, Benders Decomposition		disjunctive, cumulative, circuit		OPL, Ilog Scheduler, Cplex			random instance	MINLP	1326	1947

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
Hooker07 [386]	29	machine, job, task, activity, release-date, make-span, distributed, resource, Logic-Based Benders Decomposition, precedence, due-date, order, tardiness, inventory, scheduling, Benders Decomposition		disjunctive, cumulative, circuit		OPL, Ilog Scheduler, Cplex			random instance, generated instance	MINLP, edge-finding	1320	1941
HookerH17 [391]	24	preemptive, scheduling, Logic-Based Benders Decomposition, task, multi-agent, machine, job, stochastic, sequence dependent setup, one-machine scheduling, job-shop, preempt, flow-shop, resource, transportation, net present value, open-shop, Benders Decomposition, order, multi-objective, tardiness, activity, setup-time, release-date	Open Shop Scheduling Problem, parallel machine, RCPSP	bin-packing, regular expression, Regular constraint, Among constraint, circuit, cumulative, alldifferent, Cardinality constraint, disjunctive		CHIP, SCIP, ECLiPSe, OPL, MiniZinc, Ilog Solver	aircraft, crew-scheduling, operating room, radiation therapy, nurse, physician		real-world, real-life	time-tabling, column generation, edge-finding, MINLP, bi-partite matching, energetic reasoning, not-first, not-last, neural network, Lagrangian relaxation	1198	1819
HookerO03 [390]	28	scheduling, Logic-Based Benders Decomposition, task, machine, job, one-machine scheduling, due-date, resource, Benders Decomposition, order, release-date		circuit, cumulative, disjunctive		Ilog Scheduler, OPL, Cplex			generated instance		1339	1960
HoundjiSW19 [393]	27	scheduling, resource, BOM, due-date, task, transportation, order, inventory, machine	single machine	alldifferent, GCC constraint, circuit, Cardinality constraint, cumulative					random instance, bit-bucket, benchmark	column generation, sweep, max-flow	1161	1782
HubnerGSV21 [395]	22	completion-time, resource, due-date, no-wait, task, stochastic, transportation, precedence, reactive scheduling, order, job, inventory, activity, machine, preempt, cmax, tardiness, make-span, preemptive, scheduling	RCPSPDC, Resource-constrained Project Scheduling Problem, RCPSP	cycle, cumulative, alternative constraint, endBeforeStart	C	Gurobi, Cplex, OPL	automotive	dismantling industry	benchmark, real-life	genetic algorithm, large neighborhood search, simulated annealing, meta heuristic, mat heuristic	1119	1740

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
IsikYA23 [398]	28	tardiness, scheduling, energy efficiency, multi-objective, completion-time, flow-shop, batch process, setup-time, due-date, task, no-wait, order, make-span, machine, job, distributed, resource, job-shop, release-date, blocking constraint, transportation, precedence, earliness, bi-objective, cmax, sequence dependent setup, breakdown, preempt	HFS, single machine, parallel machine	circuit, noOverlap, endBeforeStart, Calendar constraint, Blocking constraint, cumulative		OPL, Cplex	medical, robot	steel industry	benchmark, real-life, real-world, generated instance	genetic algorithm, Lagrangian relaxation, memetic algorithm, energetic reasoning, NEH, machine learning, mat heuristic, meta heuristic, GRASP, reinforcement learning, neural network, ant colony, particle swarm, simulated annealing	1068	1689
JainG01 [401]	19	job-shop, Benders Decomposition, task, job, order, release-date, resource, scheduling, due-date, machine, activity	single machine, parallel machine	cumulative, disjunctive	Prolog	Ilog Scheduler, Ilog Solver, ECLiPSe, CHIP, OPL, Cplex	crew-scheduling			column generation, MINLP	1352	1973
JainM99 [400]	45	flow-shop, preempt, one-machine scheduling, task, job, open-shop, order, release-date, resource, make-span, scheduling, single-machine scheduling, precedence, cmax, tardiness, stochastic, due-date, machine, re-scheduling, completion-time, distributed, preemptive, inventory, lateness, job-shop	single machine	disjunctive, cycle		OPL	robot, semiconductor		benchmark, real-world, real-life	Lagrangian relaxation, genetic algorithm, edge-finder, memetic algorithm, simulated annealing, meta heuristic, GRASP, machine learning, neural network	1374	1995
Jans09 [402]	24	multi-agent, distributed, inventory, machine, order, scheduling, sequence dependent setup, resource, job, setup-time	single machine, parallel machine			Cplex	business process, offshore	tire industry, fashion industry, process industry, foundry industry	benchmark	column generation, meta heuristic	1301	1922

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
JussienL02 [406]	25	job, precedence, stochastic, task, job-shop, preemptive, machine, order, open-shop, resource, scheduling, preempt, make-span	TMS, Open Shop Scheduling Problem				satellite		benchmark, real-life	genetic algorithm, time-tabling, neural network	1346	1967
JuvinHL22 [408]	32	Benders Decomposition, precedence, order, activity, setup-time, Pareto, release-date, preemptive, scheduling, Logic-Based Benders Decomposition, make-span, completion-time, task, cmax, machine, job, re-scheduling, distributed, job-shop, preempt, flow-shop, resource	FJS, parallel machine, single machine, JSSP	disjunctive, Disjunctive constraint, noOverlap, endBeforeStart, circuit, cumulative		Cplex, CPO			benchmark	meta heuristic, simulated annealing, genetic algorithm	1097	1718
JuvinHL23a [410]	17	task, job-shop, preemptive, machine, activity, make-span, flow-shop, precedence, Benders Decomposition, stochastic, setup-time, order, preempt, re-scheduling, resource, job, release-date, scheduling, distributed, Pareto, Logic-Based Benders Decomposition	FJS, JSSP, parallel machine, single machine	noOverlap, endBeforeStart, bin-packing, cumulative, circuit, disjunctive, Disjunctive constraint		Cplex, CPO	vaccine, COVID, drone, operating room		benchmark	meta heuristic, genetic algorithm, machine learning, simulated annealing	1069	1690
Kameugne15 [413]	2	resource, scheduling, task, preemptive, completion-time, preempt		cumulative						not-last, edge-finding, not-first	1226	1847
KameugneFSN14 [418]	27	completion-time, job-shop, preemptive, release-date, resource, job, order, scheduling, precedence, preempt, make-span, task	RCPSP, psplib, CuSP, Resource-constrained Project Scheduling Problem	cumulative, disjunctive		CHIP, Gecode			benchmark, random instance	edge-finding, energetic reasoning, not-last, not-first, edge-finder, time-tabling	1239	1860
KelbelH11 [421]	10	inventory, due-date, job-shop, preempt, resource, precedence, order, completion-time, tardiness, release-date, earliness, scheduling, make-span, distributed, task, machine, job	JSSP	cumulative, disjunctive		OPL, Cplex, Ilog Solver			generated instance, benchmark, random instance	edge-finder, large neighborhood search, edge-finding	1274	1895
KhayatLR06 [423]	15	job-shop, due-date, order, cmax, resource, scheduling, preempt, task, preemptive, machine, activity, make-span, job, precedence, setup-time				OPL, Cplex			real-life, benchmark	genetic algorithm	1327	1948
KoehlerBFFHPSSS21 [428]	51	flow-shop, scheduling, single-machine scheduling, job, make-span, tardiness, resource, precedence, job-shop, order, lateness, task, multi-objective, machine, one-machine scheduling, flow-time	CTW, single machine	Channeling constraint, cycle, disjunctive, alldifferent, Disjunctive constraint, circuit, cumulative	C, Python	MiniZinc, OR-Tools, Chuffed, Z3, OPL, Cplex, Gurobi	cable tree, automotive, robot		real-world, benchmark, github	genetic algorithm, particle swarm, simulated annealing, ant colony	1120	1741

Table 6: Automatically Extracted ARTICLE Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
KorbaaYG00 [432]	10										1364	1985
KovacsB08 [435]	7	order, tardiness, activity, preempt, release-date, single-machine scheduling, scheduling, completion-time, job, preemptive, resource, machine	single machine	disjunctive, Completion constraint, Disjunctive constraint, bin-packing, cumulative, Cardinality constraint, cycle, Regular constraint		Ilog Solver, Ilog Scheduler	aircraft		benchmark	genetic algorithm, sweep	1311	1932
KovacsB11 [436]	24	precedence, order, tardiness, activity, preempt, release-date, earliness, single-machine scheduling, scheduling, make-span, completion-time, flow-time, job, preemptive, distributed, due-date, job-shop, flow-shop, resource, machine	parallel machine, Resource-constrained Project Scheduling Problem, single machine	disjunctive, Completion constraint, Disjunctive constraint, cumulative, Cardinality constraint, cycle, Regular constraint, Channeling constraint	C++	Ilog Solver, Ilog Scheduler			benchmark	column generation, edge-finding	1275	1896
KovacsK11 [438]	24	stochastic, order, tardiness, breakdown, Pareto, release-date, earliness, scheduling, completion-time, task, job, Logic-Based Benders Decomposition, sequence dependent setup, due-date, job-shop, flow-shop, resource, transportation, machine, Benders Decomposition	single machine	Reified constraint, cycle	C++	Ilog Solver, Gecode, Cplex					1276	1897
KreterSS17 [443]	31	order, preempt, resource, scheduling, task, preemptive, unavailability, machine, activity, make-span, completion-time, precedence, periodic	Resource-constrained Project Scheduling Problem, RCPSP, parallel machine	IloPulse, alwaysIn, cumulative, diffn, IloForbidEnd, Pulse constraint, cycle, IloAlwaysIn, Element constraint, Reified constraint, Calendar constraint		CPO, Cplex, MiniZinc, CHIP, Chuffed			benchmark	edge-finding, lazy clause generation	1199	1820
KreterSSZ18 [444]	15	task, unavailability, order, activity, machine, precedence, release-date, tardiness, preemptive, periodic, scheduling, completion-time, resource, preempt	Resource-constrained Project Scheduling Problem, RCPSP, psplib	cumulative, Element constraint, Calendar constraint		Cplex, Chuffed, MiniZinc			benchmark	genetic algorithm, GRASP, particle swarm, lazy clause generation, Lagrangian relaxation	1187	1808

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
KuB16 [445]	9	tardiness, earliness, completion-time, job-shop, job, order, precedence, scheduling, make-span, machine		Disjunctive constraint, disjunctive		Ilog Scheduler, Gurobi, Cplex, SCIP			benchmark	meta-heuristic, genetic algorithm	1213	1834
KuchcinskiW03 [447]	15	scheduling, distributed, precedence, resource, order		cycle, Diff2 constraint, circuit	Java		pipeline		benchmark		1341	1962
Laborie03 [450]	38	task, cmax, machine, job, re-scheduling, inventory, job-shop, preempt, resource, precedence, order, activity, setup-time, release-date, preemptive, scheduling, make-span		cycle, Balance constraint, cumulative, disjunctive, table constraint, Disjunctive constraint	C++	Ilog Scheduler			benchmark	time-tabling, edge-finding, energetic reasoning, not-first, not-last	1342	1963
LaborieR14 [454]	10	single-machine scheduling, tardiness, order, earliness, preempt, breakdown, transportation, resource, job, scheduling, Logic-Based Benders Decomposition, task, job-shop, due-date, machine, activity, flow-shop, precedence, Benders Decomposition, net present value	single machine, Partial Order Schedule, RCPSP	disjunctive, span constraint, alternative constraint, noOverlap, endBeforeStart, cumulative		Cplex	aircraft, satellite		real-world, benchmark	machine learning, column generation, large neighborhood search	1240	1861
LaborieRSV18 [453]	41	Benders Decomposition, release-date, precedence, earliness, sequence dependent setup, scheduling, machine, multi-objective, transportation, breakdown, manpower, periodic, setup-time, order, tardiness, make-span, distributed, Logic-Based Benders Decomposition, job-shop, resource, activity, inventory, net present value, due-date, batch process, flow-shop, job, stochastic, re-scheduling, task	Resource-constrained Project Scheduling Problem, psplib, parallel machine, RCPSP	endBeforeStart, noOverlap, AlwaysConstant, Disjunctive constraint, alwaysEqual constraint, alternative constraint, cumulative, Arithmetic constraint, disjunctive, span constraint, Calendar constraint, cycle, alwaysIn, Reified constraint	Python, C++, C, Java	Ilog Scheduler, OPL, CHIP, Gecode, Ilog Solver, Cplex, CPO, Choco Solver	semiconductor robot, pipeline, shipping line, railway, satellite, container terminal, aircraft	petro-chemical industry, chemical industry	real-world, CSplib, benchmark	edge-finding, large neighborhood search	1188	1809

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
LacknerMMWW23 [456]	42	release-date, job, order, tardiness, scheduling, machine, lateness, earliness, batch process, setup-time, Pareto, due-date, multi-objective, make-span, task, job-shop	OSP, single machine, parallel machine	disjunctive, alternative constraint, cumulative, endBeforeStart, bin-packing, noOverlap, Element constraint		Chuffed, Cplex, OPL, CPO, MiniZinc, Gurobi, OR-Tools	semiconductor, oven scheduling	manufacturing industry, electronics industry, steel industry	benchmark, instance generator, zenodo, real-life, random instance, industrial partner	ant colony, GRASP, simulated annealing, large neighborhood search, particle swarm, meta heuristic, time-tabling, genetic algorithm	1070	1691
LammaMM97 [459]	15	job-shop, resource, job, no-wait, scheduling, precedence, order, task, distributed		circuit, disjunctive, Disjunctive constraint	Prolog, C++	ECLiPSe, OPL, CHIP	railway, train schedule		real-life		1386	2007
LetortCB15 [467]	52	machine, make-span, job, precedence, order, resource, scheduling, task	Resource-constrained Project Scheduling Problem, psplib	Cumulatives constraint, cumulative, cycle, bin-packing	Java, Prolog	Choco Solver, CHIP, SICStus			generated instance, RoadeF, benchmark, random instance	energetic reasoning, meta heuristic, sweep, large neighborhood search, edge-finding	1227	1848
LiW08 [468]	18	precedence, activity, setup-time, scheduling, make-span, machine, preempt, no preempt, task, completion-time, resource, job-shop, job, re-scheduling, open-shop, Benders Decomposition, due-date, order	RCPSP	disjunctive, bin-packing, cycle		Ilog Solver, Cplex, ECLiPSe, CHIP, OPL	astronomy		real-world	Lagrangian relaxation	1312	1933
LiessM08 [470]	12	machine, job, activity, job-shop, make-span, cmax, preempt, resource, scheduling, precedence, task, preemptive, order	Resource-constrained Project Scheduling Problem, RCPSP, psplib	cumulative, disjunctive	C++				benchmark	edge-finding, meta heuristic, large neighborhood search, column generation	1313	1934
LimtanyakulS12 [475]	32	precedence, stochastic, release-date, completion-time, job, resource, activity, tardiness, machine, scheduling, order, Benders Decomposition, due-date	Resource-constrained Project Scheduling Problem	table constraint, Cardinality constraint, bin-packing, cumulative, disjunctive		Ilog Scheduler, Cplex	robot, automotive	automotive industry	real-life, generated instance, industrial partner, benchmark, random instance	not-last, energetic reasoning, not-first, genetic algorithm, edge-finding	1256	1877

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
LombardiM10a [486]	30	due-date, distributed, job, re-scheduling, task, preemptive, completion-time, Benders Decomposition, precedence, scheduling, machine, stochastic, order, make-span, release-date, Logic-Based Benders Decomposition, resource, activity, preempt	TCSP, Resource-constrained Project Scheduling Problem	Disjunctive constraint, cycle, span constraint, cumulative, disjunctive, table constraint	C	Cplex	business process		benchmark, real-life, real-world	genetic algorithm, sweep	1288	1909
LombardiM12 [489]	35	precedence, flow-shop, reactive scheduling, make-span, sequence dependent setup, order, job, activity, scheduling, resource, machine, preempt, energy efficiency, tardiness, preemptive, job-shop, transportation, completion-time, re-scheduling, setup-time, earliness, Benders Decomposition, due-date, Logic-Based Benders Decomposition, task, inventory, stochastic, distributed, manpower	Partial Order Schedule, parallel machine, Resource-constrained Project Scheduling Problem, RCPSP, psplib	circuit, Disjunctive constraint, cycle, disjunctive, cumulative		OR-Tools	aircraft	chemical industry	real-world, benchmark	large neighborhood search, lazy clause generation, energetic reasoning, genetic algorithm, meta heuristic, edge-finding	1257	1878
LombardiM12a [488]	10	completion-time, precedence, scheduling, stochastic, order, make-span, resource, activity, producer/consumer	psplib, Partial Order Schedule, Resource-constrained Project Scheduling Problem, RCPSP	disjunctive		Ilog Solver			benchmark		1258	1879
LombardiMB13 [491]	14	distributed, cmax, re-scheduling, task, preemptive, completion-time, precedence, scheduling, multi-objective, stochastic, periodic, order, make-span, energy efficiency, resource, activity, preempt	SCC, RCPSP	cycle, cumulative, circuit		OR-Tools, Gecode, Ilog Solver	pipeline, medical		benchmark, real-world		1249	1870
LombardiMRB10 [492]	31	preempt, make-span, task, precedence, preemptive, stochastic, resource, activity, periodic, re-scheduling, Benders Decomposition, completion-time, tardiness, producer/consumer, scheduling, Logic-Based Benders Decomposition, release-date, order, distributed, no preempt	SCC	circuit, disjunctive, table constraint, cumulative, Disjunctive constraint, cycle, bin-packing	C	ECLiPSe, Cplex	semiconductor pipeline	semiconductor industry	real-world, real-life, benchmark	genetic algorithm, simulated annealing	1289	1910

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
LopesCSM10 [493]	39	distributed, stock level, inventory, job-shop, due-date, activity, order, multi-objective, re-scheduling, resource, scheduling, task, transportation, make-span, reactive scheduling, job, precedence		disjunctive, table constraint, cycle, alldifferent	C++	Ilog Scheduler, Ilog Solver, OPL	pipeline	oil industry	benchmark, real-world	meta-heuristic, MINLP, genetic algorithm, max-flow	1290	1911
LopezAKYG00 [494]	4										1365	1986
LorigeonBB02 [495]	8	resource, activity, setup-time, preempt, flow-shop, job, cmax, open-shop, completion-time, scheduling, machine, order, make-span, unavailability	parallel machine, Open Shop Scheduling Problem			Cplex, OPL					1347	1968
LuZZYW24 [498]	36	Benders Decomposition, bi-objective, completion-time, distributed, energy efficiency, flow-shop, inventory, job, job-shop, machine, multi-objective, order, precedence, resource, scheduling, single-machine scheduling, stochastic, sustainability, task, transportation	Resource-constrained Project Scheduling Problem, single machine	alwaysIn, cumulative, disjunctive, noOverlap	Java	Cplex, OPL	automotive, container terminal, energy-price, maintenance scheduling, railway, train schedule	shipping industry	real-life, real-world	ant colony, column generation, evolutionary computing, genetic algorithm, large neighborhood search, memetic algorithm, meta heuristic, particle swarm, simulated annealing	1051	1672
LunardiBLRV20 [500]	20	make-span, unavailability, completion-time, job-shop, resource, flow-shop, activity, re-scheduling, job, order, tardiness, bi-objective, scheduling, due-date, machine, precedence, setup-time, preempt	FJS	endBeforeStart, noOverlap	Python	Cplex	high performance computing	printing industry, glass industry	benchmark, random instance, generated instance, github	genetic algorithm, large neighborhood search, meta heuristic	1144	1765
MalapertCGJLR12 [510]	17	transportation, flow-shop, preemptive, order, make-span, scheduling, cmax, open-shop, resource, preempt, precedence, completion-time, task, job, job-shop, activity, machine	Open Shop Scheduling Problem, OSP	disjunctive, cycle, Disjunctive constraint, cumulative	Java	Choco Solver			benchmark	meta heuristic, not-first, not-last, ant colony, edge-finding, particle swarm, genetic algorithm	1259	1880
MalikMB08 [514]	18	distributed, resource, machine, precedence, order, scheduling		Cardinality constraint, cycle			pipeline		benchmark	edge-finding	1314	1935

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
MarliereSPR23 [517]	22	machine, energy efficiency, precedence, transportation, distributed, multi-objective, task, job-shop, resource, no-wait, activity, re-scheduling, job, order, scheduling	rtRTMP, RTMP	Disjunctive constraint, disjunctive, circuit, table constraint, alternative constraint, cumulative, cycle, noOverlap		Cplex	railway, train schedule, robot		real-world, benchmark	machine learning, quadratic programming, meta heuristic, time-tabling, Lagrangian relaxation	1071	1692
MartinPY01 [519]	17	scheduling, task, machine, order, breakdown, transportation, re-scheduling, resource		circuit	Prolog	ECLiPSe, Ilog Solver	train schedule, railway, aircraft	sugar industry	real-life		1353	1974
Mason01 [521]	38	cyclic scheduling, scheduling, order, activity, transportation, task				OPL, Cplex	railway, workforce scheduling, crew-scheduling, nurse	airline industry		Lagrangian relaxation, column generation	1354	1975
MejiaY20 [523]	13	resource, multi-objective, job-shop, bi-objective, cmax, sequence dependent setup, preempt, due-date, re-scheduling, preemptive, order, tardiness, scheduling, completion-time, machine, setup-time, job, no-wait, open-shop, release-date, make-span, transportation, multi-agent, distributed	Open Shop Scheduling Problem, OSSP, parallel machine	Disjunctive constraint, disjunctive	Java	Cplex, ECLiPSe	agriculture, robot		supplementary material, benchmark, generated instance	simulated annealing, genetic algorithm, ant colony, meta heuristic, GRASP, particle swarm	1145	1766
MenciaSV12 [525]	32	order, lateness, preempt, cmax, sequence dependent setup, multi-objective, resource, scheduling, flow-time, task, job-shop, preemptive, machine, make-span, job, completion-time, precedence, distributed, setup-time	JSSP, single machine	disjunctive, cycle, Disjunctive constraint			steel mill		real-life, benchmark	edge-finding, genetic algorithm, energetic reasoning, simulated annealing, memetic algorithm, time-tabling	1260	1881
MenciaSV13 [526]	11	order, lateness, preempt, cmax, sequence dependent setup, multi-objective, resource, scheduling, flow-time, task, job-shop, preemptive, machine, make-span, flow-shop, job, completion-time, precedence, setup-time	JSSP, single machine	disjunctive, cycle, Disjunctive constraint			steel mill		real-life, supplementary material, benchmark	edge-finding, genetic algorithm, energetic reasoning, simulated annealing, time-tabling, meta heuristic	1250	1871

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
MengZRZL20 [529]	13	job-shop, machine, no-wait, flow-shop, completion-time, order, cmax, multi-objective, batch process, open-shop, tardiness, resource, energy efficiency, earliness, scheduling, preempt, sequence dependent setup, flow-time, transportation, make-span, job, precedence, Benders Decomposition, blocking constraint, distributed, cyclic scheduling, task, no preempt, setup-time	OSP, parallel machine, Open Shop Scheduling Problem, HFS, FJS	alternative constraint, Blocking constraint, noOverlap, endBeforeStart		OR-Tools, Gecode, OPL, Gurobi, Cplex	robot, semi-conductor		benchmark, supplementary material	particle swarm, genetic algorithm, ant colony, simulated annealing, meta heuristic	1146	1767
MercierH08 [530]	21	scheduling, preempt, task, preemptive, job, release-date, job-shop, due-date, order, resource		cumulative, disjunctive						edge-finder, edge-finding	1315	1936
MilanoW06 [535]	45	release-date, preemptive, Logic-Based Benders Decomposition, distributed, one-machine scheduling, due-date, job-shop, resource, machine, job, lateness, stochastic, setup-time, preempt, transportation, single-machine scheduling, scheduling, Benders Decomposition, order, completion-time, task, tardiness, activity	parallel machine, single machine	Cumulatives constraint, Reified constraint, cumulative, alldifferent, Cardinality constraint, Channeling constraint, circuit, GCC constraint		ECLiPSe, Cplex, OPL, CHIP	crew-scheduling		benchmark	time-tabling, large neighborhood search, column generation, Lagrangian relaxation, edge-finder, meta heuristic	1328	1949
MilanoW09 [536]	40	release-date, preemptive, Logic-Based Benders Decomposition, distributed, one-machine scheduling, due-date, job-shop, resource, machine, job, lateness, stochastic, setup-time, preempt, transportation, single-machine scheduling, scheduling, Benders Decomposition, order, completion-time, task, tardiness, activity	single machine	Cumulatives constraint, Reified constraint, cumulative, alldifferent, Cardinality constraint, Channeling constraint, circuit, GCC constraint		SCIP, ECLiPSe, Cplex, OPL, CHIP	crew-scheduling		benchmark	lazy clause generation, time-tabling, large neighborhood search, column generation, Lagrangian relaxation, edge-finder, meta heuristic	1302	1923
MokhtarzadehTNF20 [539]	14	task, multi-agent, setup-time, distributed, manpower, no-wait, scheduling, order, job, make-span, resource, precedence, completion-time, machine	parallel machine	cycle, alldifferent, circuit		Cplex	robot, crew-scheduling	circuit boards industry	generated instance, real-world	time-tabling, meta heuristic, particle swarm, simulated annealing	1147	1768

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
MontemanniD23 [543]	13	distributed, sustainability, task, resource, order, scheduling, machine		circuit	Python	OR-Tools, OPL, Gurobi	robot, drone		benchmark, supplementary material	meta heuristic, machine learning, swarm intelligence, ant colony, mat heuristic	1072	1693
MontemanniD23a [542]	20	order, completion-time, task, sustainability, transportation, scheduling		circuit	Python	OR-Tools	drone		benchmark	mat heuristic, ant colony, meta heuristic	1073	1694
MullerMKP22 [547]	18	precedence, bi-objective, batch process, multi-objective, make-span, order, job, activity, resource, machine, preempt, breakdown, cmax, preemptive, job-shop, scheduling, completion-time, sustainability, setup-time, online scheduling, due-date, no-wait, task, stochastic	FJS, Resource-constrained Project Scheduling Problem	disjunctive, circuit	Java, Python	Chuffed, MiniZinc, Choco Solver, OPL, OR-Tools, Gecode, Cplex	semiconductor robot		benchmark, github, random instance, real-world	reinforcement learning, deep learning, neural network, machine learning, meta heuristic, genetic algorithm	1100	1721
NaderiBZ22 [554]	29	stochastic, distributed, Logic-Based Benders Decomposition, setup-time, job-shop, due-date, open-shop, tardiness, flow-shop, order, lateness, resource, scheduling, transportation, machine, make-span, no-wait, job, completion-time, Benders Decomposition	parallel machine, single machine	disjunctive, Disjunctive constraint, noOverlap		Cplex, CPO	surgery, patient, crew-scheduling, operating room, nurse, automotive		benchmark, real-life	meta heuristic, memetic algorithm	1101	1722
NaderiBZ22a [552]	19	task, stochastic, job-shop, distributed, transportation, re-scheduling, sequence dependent setup, order, job, machine, preempt, precedence, flow-shop, multi-objective, tardiness, make-span, preemptive, scheduling, completion-time, resource, setup-time, Benders Decomposition, Logic-Based Benders Decomposition	parallel machine	Disjunctive constraint, noOverlap, disjunctive, endBeforeStart	C++	CPO, Cplex	crew-scheduling, robot, nurse, operating room, automotive		benchmark	genetic algorithm, simulated annealing, meta heuristic, ant colony	1102	1723

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
NaderiBZ23 [555]	32	stochastic, distributed, Logic-Based Benders Decomposition, setup-time, job-shop, due-date, open-shop, tardiness, flow-shop, order, lateness, resource, scheduling, transportation, machine, make-span, no-wait, job, completion-time, Benders Decomposition	parallel machine, single machine	disjunctive, Disjunctive constraint, noOverlap	Python	Cplex, CPO	surgery, patient, crew-scheduling, operating room, nurse, automotive		benchmark, real-world	meta heuristic, memetic algorithm	1074	1695
NaderiRR23 [558]	27	tardiness, flow-shop, order, earliness, cmax, re-scheduling, bi-objective, resource, scheduling, preempt, sequence dependent setup, task, preemptive, transportation, machine, make-span, no-wait, job, completion-time, precedence, Benders Decomposition, distributed, Logic-Based Benders Decomposition, setup-time, job-shop, due-date, open-shop	OSP, Open Shop Scheduling Problem, PMSP, PTC, single machine, RCPSP, FJS, parallel machine, Resource-constrained Project Scheduling Problem	cumulative, disjunctive, Disjunctive constraint, noOverlap, endBeforeStart, alternative constraint	Python	Z3, CPO, Gurobi, SCIP, Cplex	crew-scheduling, operating room, automotive		github, benchmark	genetic algorithm, meta heuristic, large neighborhood search	1076	1697
NattafAL15 [560]	21	resource, release-date, scheduling, preempt, task, preemptive, activity, make-span, due-date, order	RCPSP, CECSP, Resource-constrained Project Scheduling Problem, CuSP	cumulative	C++	Cplex			generated instance	energetic reasoning, sweep	1228	1849
NattafAL17 [561]	18	resource, energy efficiency, release-date, scheduling, task, activity, make-span, job, order	CECSP	disjunctive, cumulative	C++	Cplex			real-world	energetic reasoning, edge-finding	1200	1821
NattafALR16 [562]	34	preemptive, scheduling, due-date, no preempt, task, precedence, make-span, order, activity, resource, preempt, release-date	CECSP, CuSP, Resource-constrained Project Scheduling Problem, RCPSP	cumulative	C++	Cplex			generated instance	energetic reasoning, sweep	1214	1835
NattafDYW19 [563]	16	job-shop, single-machine scheduling, scheduling, completion-time, setup-time, stochastic, make-span, order, job, resource, machine, cmax, periodic	parallel machine, single machine, PTC	noOverlap, alternative constraint		Cplex, OPL	semiconductor	lumber industry, semiconductor industry	benchmark	simulated annealing, memetic algorithm, meta heuristic, genetic algorithm	1162	1783

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
NattafHKAL19 [564]	16	preempt, single-machine scheduling, order, resource, activity, scheduling, machine, task, preemptive, make-span, release-date	RCPSP, single machine, CECSP, Resource-constrained Project Scheduling Problem	cumulative		Cplex			benchmark, real-life	energetic reasoning	1163	1784
NishikawaSTT19 [570]	16	re-scheduling, online scheduling, order, precedence, scheduling, make-span, preempt, resource, activity, task, distributed, machine, preemptive	parallel machine	alternative constraint, cumulative		Cplex	pipeline, robot		real-world, benchmark	large neighborhood search, genetic algorithm	1164	1785
NovaraNH16 [571]	17	machine, make-span, job, precedence, setup-time, due-date, activity, completion-time, order, earliness, batch process, re-scheduling, tardiness, resource, scheduling, sequence dependent setup, manpower, task		noOverlap, endBeforeStart, alternative constraint, cumulative, disjunctive		OPL, Cplex		pharmaceutical industry	CSplib, benchmark		1215	1836
Novas19 [572]	13	resource, make-span, scheduling, transportation, flow-time, precedence, cmax, sequence dependent setup, job-shop, multi-objective, due-date, machine, completion-time, no-wait, activity, distributed, inventory, lateness, setup-time, flow-shop, release-date, task, tardiness, job, order	parallel machine, FJS, HFS	cycle, cumulative, endBeforeStart, noOverlap		OPL, Cplex	train schedule, medical, semiconductor, robot	solar cell industry	benchmark	particle swarm, meta heuristic, swarm intelligence, genetic algorithm	1165	1786
NovasH10 [573]	20	reactive scheduling, unavailability, precedence, batch process, due-date, re-scheduling, order, tardiness, scheduling, completion-time, machine, setup-time, job, task, no-wait, manpower, activity, make-span, earliness, breakdown, periodic, resource, multi-objective, lateness				OPL, Ilog Scheduler	pipeline			meta heuristic	1291	1912
NovasH12 [574]	17	reactive scheduling, precedence, order, scheduling, completion-time, machine, job, task, no-wait, activity, make-span, transportation, breakdown, resource		cycle		Ilog Solver, OPL, Ilog Scheduler	hoist, electroplating, container terminal, semiconductor, robot	semiconductor industry, electroplating industry			1261	1882

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
Novash14 [575]	14	reactive scheduling, unavailability, precedence, order, scheduling, completion-time, machine, job, task, activity, make-span, transportation, buffer-capacity, resource, multi-objective, job-shop	single machine, parallel machine			Ilog Solver, OPL, Ilog Scheduler	robot		benchmark	genetic algorithm, ant colony	1241	1862
NuijtenA96 [577]	16	resource, scheduling, preempt, machine, make-span, job, precedence, job-shop, preemptive, flow-shop, completion-time, order	JSSP	disjunctive, Disjunctive constraint		CPO				time-tabling	1389	2010
NuijtenP98 [578]	16	resource, scheduling, preempt, manpower, task, transportation, machine, make-span, reactive scheduling, job, precedence, setup-time, job-shop, preemptive, single-machine scheduling, flow-shop, completion-time, order	single machine, JSSP	disjunctive, Disjunctive constraint	C++	Ilog Solver, OPL, Ilog Scheduler	satellite		real-life	simulated annealing, edge-finding	1382	2003
OhrimenkoSC09 [581]	35	job, completion-time, scheduling, machine, open-shop, order, make-span, resource	Open Shop Scheduling Problem	Reified constraint, Arithmetic constraint, alldifferent, Cardinality constraint, disjunctive		Gecode			benchmark	lazy clause generation	1303	1924
OrnekO16 [582]	25	precedence, cmax, preempt, due-date, preemptive, order, tardiness, inventory, scheduling, completion-time, machine, setup-time, job, activity, bill of material, release-date, make-span, earliness, distributed, resource, BOM, multi-objective, job-shop	parallel machine	cumulative, Disjunctive constraint, Element constraint, disjunctive		Cplex, OPL			real-world, real-life	genetic algorithm, edge-finding, meta heuristic, neural network	1216	1837
OrnekOS20 [583]	29	machine, stochastic, distributed, resource, order, multi-objective, Pareto, periodic, scheduling	parallel machine	disjunctive, noOverlap		Cplex	aircraft		real-world, generated instance	genetic algorithm, particle swarm, meta heuristic, time-tabling, large neighborhood search, simulated annealing	1104	1725
OzturkTHO10 [589]	8	order, job, activity, scheduling, completion-time, resource, machine, cmax, setup-time, task, precedence, make-span	SBSFMMAL	disjunctive		Ilog Scheduler, OPL, Ilog Solver, Cplex	robot				1292	1913

Table 6: Automatically Extracted ARTICLE Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
OzturkTHO12 [588]	6	order, job, activity, scheduling, completion-time, resource, machine, cyclic scheduling, preempt, job-shop, setup-time, task, distributed, precedence, make-span, preemptive		Element constraint, cycle, disjunctive, cumulative		OPL, Cplex				edge-finding	1262	1883
OzturkTHO13 [590]	36	order, job, activity, scheduling, completion-time, resource, machine, cyclic scheduling, preempt, breakdown, cmax, setup-time, task, precedence, flow-shop, make-span, preemptive	SBSFMMAL	Disjunctive constraint, Channeling constraint, cycle, disjunctive, cumulative		OPL, CHIP, Ilog Solver, Cplex			real-world, real-life	column generation, genetic algorithm, edge-finding, large neighborhood search	1251	1872
OzturkTHO15 [591]	12	order, job, activity, scheduling, completion-time, resource, machine, cyclic scheduling, preempt, breakdown, setup-time, task, inventory, distributed, precedence, make-span, preemptive	SBSFMMAL	circuit, cycle, disjunctive, cumulative		OPL, Cplex			real-life	large neighborhood search	1229	1850
PandeyS21a [592]	29	resource, energy efficiency, scheduling, unavailability, re-scheduling, make-span, job, precedence, distributed, task, single-machine scheduling, machine, activity, flow-shop, completion-time, order	parallel machine, PMSP, single machine	cumulative, Pulse constraint, end-BeforeStart, alternative constraint		OPL, Cplex	semiconductor		benchmark	quadratic programming, column generation, mat heuristic	1123	1744
PapaB98 [595]	25	due-date, reactive scheduling, machine, preempt, re-scheduling, activity, task, flow-shop, resource, job, order, make-span, completion-time, scheduling, distributed, preemptive, cmax, setup-time, job-shop	PJSSP, Resource-constrained Project Scheduling Problem, JSSP	cumulative, table constraint, disjunctive, Disjunctive constraint, Cardinality constraint	C++	Ilog Solver, CHIP, Claire	hoist		benchmark	edge-finder, energetic reasoning, edge-finding	1383	2004
Pape94 [593]	34	stochastic, due-date, multi-agent, distributed, resource, inventory, machine, release-date, job-shop, task, order, scheduling, precedence, re-scheduling, activity, job		cumulative, disjunctive	Prolog, C++, Lisp						1396	2017
PenzDN23 [598]	13	machine, flow-time, job, periodic, resource, one-machine scheduling, job-shop, release-date, unavailability, single-machine scheduling, earliness, breakdown, preempt, preemptive, order, tardiness, scheduling, completion-time, setup-time, activity, sustainability, make-span, stochastic	parallel machine, single machine			Cplex	semiconductor maintenance scheduling	semiconductor industry		meta heuristic, ant colony, simulated annealing, memetic algorithm	1078	1699

Table 6: Automatically Extracted ARTICLE Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
PoderBS04 [608]	16	preempt, scheduling, precedence, order, task, activity, producer/consumer, release-date, preemptive, due-date, resource, machine	RCPSP	cumulative	Prolog	CHIP		chemical industry			1337	1958
PohlAK22 [609]	16	job, activity, resource, lateness, release-date, transportation, precedence, single-machine scheduling, earliness, sequence dependent setup, re-scheduling, tardiness, inventory, scheduling, completion-time, setup-time, order, stochastic, machine	SCC, single machine	cumulative, noOverlap	Python	Cplex, Gurobi	aircraft		benchmark, real-world	simulated annealing, large neighborhood search, column generation	1105	1726
Polo-MejiaALB20 [610]	18	setup-time, cmax, multi-objective, resource, preempt, precedence, earliness, Benders Decomposition, task, job, due-date, activity, machine, tardiness, preemptive, order, release-date, make-span, scheduling, completion-time, periodic	RCPSP, Resource-constrained Project Scheduling Problem	endBeforeStart, alternative constraint, alwaysIn, Disjunctive constraint, cumulative, noOverlap, disjunctive, Calendar constraint	C++	Cplex, CPO			Roadef, github	mat heuristic, meta heuristic, particle swarm	1148	1769
PourDERB18 [612]	12	multi-objective, order, transportation, job, scheduling, task, machine, stochastic				OR-Tools, Cplex	crew-scheduling, maintenance scheduling, railway		real-world, real-life, benchmark, generated instance	genetic algorithm, ant colony, meta heuristic	1189	1810
PrataAN23 [616]	17	precedence, order, multi-objective, tardiness, activity, setup-time, flow-time, release-date, no-wait, earliness, preemptive, single-machine scheduling, scheduling, Logic-Based Benders Decomposition, make-span, completion-time, task, energy efficiency, online scheduling, bi-objective, order scheduling, machine, job, lateness, re-scheduling, stochastic, sequence dependent setup, inventory, distributed, due-date, job-shop, batch process, preempt, flow-shop, resource, open-shop, Benders Decomposition	single machine, Open Shop Scheduling Problem, parallel machine	circuit, cumulative		CHIP	aircraft, dairy, robot, energy-price	manufacturing industry	benchmark, real-world, real-life	reinforcement learning, mat heuristic, memetic algorithm, meta heuristic, time-tabling, large neighborhood search, machine learning, genetic algorithm, particle swarm	1052	1673

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
QinDCS20 [620]	18	order, tardiness, scheduling, completion-time, machine, setup-time, job, task, activity, make-span, transportation, cmax, resource, Benders Decomposition, Logic-Based Benders Decomposition, precedence	parallel machine	endBeforeStart, cycle, noOverlap		OPL, Cplex	shipping line, container terminal, yard crane	maritime industry, shipping industry	real-life, benchmark	meta heuristic, GRASP, particle swarm	1149	1770
QinWSLS21 [619]	12	job-shop, preempt, flow-shop, scheduling, order, make-span, completion-time, multi-objective, two-stage scheduling, tardiness, preemptive, single-machine scheduling, batch process, cmax, order scheduling, machine, job, lateness	single machine		C++	OPL, Cplex	agriculture, semiconductor	semiconductor industry		particle swarm, ant colony, memetic algorithm, meta heuristic, machine learning, genetic algorithm	1124	1745
Rodriguez07 [634]	15	precedence, preemptive, blocking constraint, job, scheduling, resource, preempt, due-date, job-shop, transportation, task, order, activity		circuit, Disjunctive constraint, Blocking constraint, disjunctive		Ilog Solver, Z3, Ilog Scheduler, Cplex	railway, train schedule, satellite		real-life	GRASP, meta heuristic	1322	1943
RodriguezDG02 [636]	10	resource, activity, order, completion-time, scheduling, transportation		circuit, disjunctive			railway, train schedule			edge-finding	1349	1970
RoshanaeiBAUB20 [639]	19	scheduling, Logic-Based Benders Decomposition, resource, order, Benders Decomposition, job, job-shop, setup-time, activity, machine, stochastic, bi-objective, distributed, sequence dependent setup, re-scheduling	parallel machine	bin-packing, noOverlap, disjunctive	C++	Cplex	operating room, nurse, patient, surgery		benchmark, generated instance, real-world	genetic algorithm, column generation, meta heuristic	1150	1771
RoshanaeiLAU17 [640]	17	tardiness, sequence dependent setup, Benders Decomposition, transportation, scheduling, stochastic, order, make-span, Logic-Based Benders Decomposition, release-date, breakdown, resource, setup-time, task, distributed, machine, job-shop, job, re-scheduling	parallel machine, single machine	bin-packing		Cplex, Gurobi	patient, operating room, medical, surgery, nurse		real-world	meta heuristic, column generation	1201	1822
RuggieroBBMA09 [644]	14	Logic-Based Benders Decomposition, Pareto, resource, activity, distributed, machine, energy efficiency, scheduling, order, Benders Decomposition, preempt, setup-time, precedence, task		circuit, cumulative, cycle		Ilog Solver, Ilog Scheduler, Cplex	pipeline, satellite		instance generator, real-life	genetic algorithm	1304	1925

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
SacramentoSP20 [645]	33	preempt, precedence, task, stochastic, open-shop, completion-time, job, resource, activity, distributed, machine, preemptive, multi-objective, flow-shop, job-shop, transportation, scheduling, order, make-span	parallel machine, Resource-constrained Project Scheduling Problem, Open Shop Scheduling Problem	disjunctive, cumulative, alternative constraint, end-BeforeStart, noOverlap	Java	Cplex, CPO	container terminal	shipping industry, maritime industry	benchmark, real-life, zenodo, real-world	mat heuristic, genetic algorithm, particle swarm, simulated annealing, meta heuristic, machine learning, large neighborhood search	1151	1772
SadykovW06 [648]	9	scheduling, due-date, machine, completion-time, one-machine scheduling, lateness, job, release-date	parallel machine, single machine	disjunctive, Disjunctive constraint		CHIP	robot		generated instance	Lagrangian relaxation, column generation	1329	1950
SakkoutW00 [649]	30	scheduling, distributed, task, job-shop, preemptive, machine, activity, precedence, single-machine scheduling, order, preempt, transportation, re-scheduling, reactive scheduling, resource, job	KRFP, single machine	Arithmetic constraint, bin-packing, disjunctive, Disjunctive constraint		CHIP, Cplex	emergency service, aircraft		benchmark, real-world	edge-finder, edge-finding, genetic algorithm, simulated annealing	1366	1987
SchausHMCMD11 [651]	23	stochastic, periodic, task, order	SCC	Cardinality constraint, bin-packing, Element constraint, GCC constraint			steel mill	steel industry	benchmark, CSPlib, generated instance	meta heuristic, large neighborhood search	1279	1900
SchildW00 [652]	23	periodic, scheduling, completion-time, task, job, distributed, job-shop, flow-shop, resource, machine, precedence, order	single machine	disjunctive, Disjunctive constraint, bin-packing, Reified constraint, cycle		Ilog Solver	automotive	automotive industry, aerospace industry		time-tabling, edge-finding	1367	1988
SchnellH15 [653]	21	preempt, resource, job, scheduling, preemptive, machine, activity, make-span, precedence, net present value, cmax	Resource-constrained Project Scheduling Problem, psplib, RCPSP	cycle, cumulative		SCIP	automotive	IT industry	real-life, benchmark, supplementary material	simulated annealing, lazy clause generation, meta heuristic, GRASP	1230	1851
SchuttFSW11 [661]	33	scheduling, completion-time, resource, machine, preempt, periodic, open-shop, task, order, activity, precedence, make-span, preemptive	psplib, Resource-constrained Project Scheduling Problem, RCPSP	circuit, Disjunctive constraint, span constraint, disjunctive, cumulative		ECLiPSe, CHIP, Ilog Scheduler, SICStus			real-world, benchmark	not-last, lazy clause generation, not-first, edge-finding, edge-finder	1280	1901

Table 6: Automatically Extracted ARTICLE Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
SchuttFSW13 [662]	17	scheduling, resource, machine, setup-time, preempt, cmax, task, order, activity, precedence, release-date, preemptive	SCC, psplib, Resource-constrained Project Scheduling Problem, RCPSP	cycle, disjunctive, cumulative, Reified constraint	C++	CHIP			supplementary material, benchmark	lazy clause generation, genetic algorithm, meta heuristic	1252	1873
ShaikhK23 [668]	12	job, re-scheduling, unavailability, distributed, job-shop, resource, open-shop, machine, order, activity, scheduling, task					medical, drone		real-world, benchmark	genetic algorithm, time-tabling, meta heuristic, machine learning	1079	1700
ShinBBHO18 [671]	16	order, preempt, transportation, resource, job, scheduling, task, machine, activity, stochastic, inventory					patient, physician, nurse, medical		real-world, github		1190	1811
Siala15 [672]	2	precedence, cmax, sequence dependent setup, job-shop, due-date, machine, activity, earliness, setup-time, task, tardiness, job, open-shop, order, resource, make-span, scheduling	single machine, OSP, RCPSP, TMS	AmongSeq constraint, circuit, alldifferent, Balance constraint, cumulative, table constraint, disjunctive, CardPath, GCC constraint, AtMostSeqCard, Reified constraint, Regular constraint, AtMostSeq, Among constraint, Atmost constraint, Disjunctive constraint, Cardinality constraint, cycle, MultiAtMostSeqCard		Mistral, Ilog Solver, CHIP, Claire, OPL	rectangle-packing, automotive		real-world, github, benchmark, random instance, Roadeff, CSPlib	GRASP, edge-finding, time-tabling	1231	1852
SimoninAHL15 [676]	23	resource, activity, scheduling, transportation, task, make-span, precedence, periodic, preempt, order, inventory		disjunctive, span constraint, cycle, cumulative		CHIP	earth observation, robot, satellite, pipeline			sweep	1232	1853

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
Simonis07 [680]	30	periodic, scheduling, make to order, task, producer/consumer, bill of material, job, re-scheduling, sequence dependent setup, due-date, job-shop, batch process, resource, transportation, machine, order, activity, setup-time, release-date		disjunctive, GCC constraint, Atmost constraint, diffn, bin-packing, Among constraint, cumulative, alldifferent, Cardinality constraint, cycle, Cumulatives constraint	Prolog	OPL, CHIP, Ilog Scheduler	aircraft, patient, medical, business process, nurse			meta-heuristic, sweep, bi-partite matching, time-tabling	1323	1944
SimonisCK00 [681]	7	order, activity, machine, producer/consumer, scheduling, resource, task, transportation, stock level		disjunctive, cumulative, diffn, bin-packing, cycle, circuit	C++, Prolog	CHIP	aircraft, business process, crew-scheduling	food industry			1368	1989
SourdN00 [685]	12	make-span, resource, job-shop, flow-shop, precedence, cmax, preempt, preemptive, order, scheduling, completion-time, machine, setup-time, job, open-shop, release-date	JSSP, single machine	disjunctive, cumulative, Disjunctive constraint		Ilog Scheduler	robot		real-life, benchmark	not-first, genetic algorithm, edge-finding	1369	1990
SubulanC22 [687]	38	tardiness, order, preempt, BOM, breakdown, transportation, resource, scheduling, task, preemptive, due-date, machine, activity, make-span, completion-time, precedence, stochastic, inventory, multi-objective	Resource-constrained Project Scheduling Problem, RCPSP	endBeforeStart, cumulative		Cplex, OPL	business process, offshore		real-world, real-life, benchmark	particle swarm, mat heuristic, genetic algorithm, meta heuristic, ant colony	1107	1728
SureshMOK06 [691]	19	task, stochastic, distributed, order, job, machine, scheduling, buffer-capacity		cumulative, cycle		Z3				genetic algorithm, machine learning	1330	1951
TangLWSK18 [699]	28	order, preempt, multi-objective, transportation, re-scheduling, resource, scheduling, task, preemptive, activity, job, stochastic	RCPSP	circuit, cycle	C	Cplex, OPL	crew-scheduling, railway, pipeline			meta-heuristic, neural network, particle swarm, genetic algorithm	1191	1812

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
TerekhovDOB12 [705]	15	distributed, due-date, preempt, order scheduling, make-span, precedence, cmax, single-stage scheduling, resource, inventory, activity, periodic, job, Benders Decomposition, completion-time, tardiness, job-shop, scheduling, Logic-Based Benders Decomposition, release-date, machine, lateness, flow-shop, earliness, open-shop, order, single-machine scheduling	parallel machine, Resource-constrained Project Scheduling Problem, RCPSP, single machine	disjunctive, cumulative, Balance constraint, alldifferent	C++	Ilog Scheduler, Cplex, Ilog Solver	robot		real-life	meta heuristic, genetic algorithm	1263	1884
TerekhovTDB14 [706]	38	flow-shop, order, distributed, no preempt, preempt, make-span, task, preemptive, cmax, stochastic, resource, inventory, activity, periodic, re-scheduling, job, completion-time, tardiness, job-shop, scheduling, flow-time, buffer-capacity, release-date, machine, online scheduling	parallel machine, single machine			Ilog Scheduler, Cplex	robot, semiconductor		real-world	meta heuristic, genetic algorithm	1242	1863
ThiruvadyWGS14 [710]	34	scheduling, order, net present value, breakdown, precedence, task, stochastic, make-span, completion-time, resource, activity, tardiness, distributed, machine, job	psplib, single machine, Resource-constrained Project Scheduling Problem	cumulative				mining industry	benchmark	meta heuristic, Lagrangian relaxation, genetic algorithm, simulated annealing, ant colony, machine learning	1243	1864
Timpe02 [713]	18	breakdown, inventory, task, job, resource, make-span, scheduling, producer/consumer, due-date, order, machine, activity, stock level, setup-time		diffn, Balance constraint, cumulative, disjunctive, cycle	C++	CHIP, Cplex		chemical industry, process industry			1350	1971
TopalogluO11 [715]	10	scheduling, re-scheduling, task, preemptive, multi-objective, transportation, preempt, order, distributed				Cplex, OPL, Solver	Ilog	nurse, surgery, medical, physician, emergency service, patient robot	real-life	column generation, time-tabling	1281	1902
TorresL00 [716]	12	precedence, order, preempt, release-date, scheduling, make-span, task, job, preemptive, job-shop, resource, machine	single machine, JSSP	disjunctive, cumulative, cycle	C++				benchmark	not-last, energetic reasoning, not-first	1370	1991

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
TranAB16 [719]	13	sequence dependent setup, due-date, order, tardiness, scheduling, stochastic, completion-time, machine, setup-time, job, release-date, make-span, single-machine scheduling, cmax, resource, Benders Decomposition, Logic-Based Benders Decomposition, precedence	single machine, parallel machine, PMSP	cycle, circuit		SCIP, Gurobi, Cplex	aircraft		benchmark	simulated annealing, genetic algorithm, column generation, meta heuristic, ant colony	1219	1840
TranPZLDB18 [722]	17	machine, preempt, energy efficiency, make-span, preemptive, periodic, scheduling, completion-time, resource, task, stochastic, distributed, re-scheduling, online scheduling, order, job	single machine	bin-packing	C++	Cplex	high performance computing		benchmark, generated instance	machine learning	1192	1813
TranVNB17 [724]	68	scheduling, Benders Decomposition, precedence, order, multi-objective, task, activity, unavailability, Logic-Based Benders Decomposition, resource, multi-agent, machine, job, re-scheduling, transportation		alternative constraint, cumulative, Cardinality constraint, noOverlap		OPL, MiniZinc, Cplex	satellite, robot, medical		real-world		1204	1825
TrojetHL11 [727]	7	task, job-shop, machine, activity, make-span, job, completion-time, precedence, distributed, due-date, order, resource, scheduling	RCPSP	cumulative, diffn, disjunctive, cycle, alldifferent	Prolog	CHIP, SIC-Stubus	robot		real-world		1282	1903
Tsang03 [728]	2	resource, scheduling							real-life	time-tabling	1343	1964
VilimBC05 [747]	23	setup-time, scheduling, make-span, completion-time, task, job, sequence dependent setup, distributed, job-shop, batch process, resource, open-shop, machine, precedence, order, activity		disjunctive, cumulative, cycle					benchmark, real-life	sweep, edge-finding, not-first, not-last	1334	1955
VlkHT21 [750]	14	scheduling, Logic-Based Benders Decomposition, tardiness, stochastic, due-date, completion-time, no-wait, distributed, precedence, Benders Decomposition, bi-objective, order, periodic, online scheduling, resource	PMSP	alternative constraint, noOverlap		OPL, Cplex, Gurobi, Z3	automotive, robot		github, benchmark, industrial partner, random instance	GRASP	1127	1748

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
Wallace96 [752]	30	reactive scheduling, distributed, task, resource, multi-agent, machine, job, stochastic, job-shop, transportation, scheduling, Benders Decomposition, order, activity		cycle, circuit, disjunctive	Lisp, Prolog	CHIP, Ilog Solver, ECLiPSe, OPL	automotive, robot, train schedule, aircraft, railway, telescope	process industry, automotive industry		Lagrangian relaxation, simulated annealing, time-tabling, column generation, genetic algorithm, neural network	1393	2014
WallaceY20 [754]	19	machine, flow-shop, order, resource, scheduling, transportation, bi-objective, job, Benders Decomposition, Logic-Based Benders Decomposition, cyclic scheduling, task, job-shop	CHSP	cumulative, disjunctive, circuit, Disjunctive constraint, cycle		Chuffed, Gecode, OPL, Gurobi, Cplex, MiniZinc	electroplating, container terminal, robot, hoist, yard crane		random instance, real-world, real-life, benchmark	edge-finding, genetic algorithm, time-tabling, lazy clause generation, meta heuristic	1152	1773
WangMD15 [757]	13	make-span, stochastic, job, activity, resource, job-shop, precedence, cmax, re-scheduling, scheduling, multi-objective, completion-time, task, no-wait, order		cumulative, noOverlap		OPL, Cplex	nurse, operating room, physician, patient, surgery, medical		real-life, real-world	mat heuristic, particle swarm, time-tabling, column generation meta heuristic	1233	1854
WikarekS19 [762]	22	multi-agent, scheduling, preempt, manpower, make-span, resource, job, precedence, distributed, task, setup-time, job-shop, preemptive, machine, flow-shop, order, cmax, inventory	RCPSP, JSSP	cumulative, disjunctive		ECLiPSe, Z3, SCIP	robot				1170	1791
WuBB09 [772]	9	stochastic, distributed, resource, job, machine, single-machine scheduling, job-shop, task, order, scheduling, completion-time, lateness, precedence, activity, flow-time, transportation	single machine	Channeling constraint, cumulative		Ilog Solver	railway, crew-scheduling		real-world		1305	1926
YounespourAKE19 [774]	11	re-scheduling, resource, inventory, order, scheduling, completion-time, cmax, multi-objective, activity, machine, stochastic, precedence, Pareto, make-span, distributed		alternative constraint, span constraint, cumulative, noOverlap		OPL, Z3	nurse, operating room, surgery, medical, patient		real-life, real-world	MINLP, ant colony	1171	1792

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
YunusogluY22 [777]	18	order, tardiness, make-span, unavailability, release-date, bi-objective, lateness, precedence, sequence dependent setup, job-shop, resource, activity, setup-time, preempt, inventory, due-date, batch process, job, cmax, re-scheduling, flow-time, completion-time, earliness, scheduling, machine, multi-objective, transportation, breakdown	PMSPP, parallel machine	noOverlap, bin-packing, cumulative, endBeforeStart		OPL, Cplex	robot, medical	insulation industry	real-world, generated instance, benchmark, real-life, supplementary material	Lagrangian relaxation, mat heuristic, particle swarm, ant colony, simulated annealing, genetic algorithm, meta heuristic, GRASP	1108	1729
YuraszeckMCCR23 [780]	11	job-shop, flow-time, setup-time, cmax, activity, open-shop, machine, precedence, task, flow-shop, make-span, multi-objective, resource, preempt, batch process, order, scheduling, job	RCPPSP, Resource-constrained Project Scheduling Problem, Open Shop Scheduling Problem, JSSP, FJS, OSSP	endBeforeStart, cumulative		OPL, Cplex		pharmaceutical industry	github, benchmark, real-world	meta heuristic, GRASP, mat heuristic	1080	1701
YuraszeckMPV22 [779]	26	sequence dependent setup, no-wait, due-date, transportation, cyclic scheduling, scheduling, stochastic, order, make-span, release-date, completion-time, resource, setup-time, task, distributed, open-shop, machine, flow-shop, flow-time, job-shop, job, re-scheduling	Open Shop Scheduling Problem, OSSP, single machine, JSSP	noOverlap, disjunctive, Disjunctive constraint	Java	Cplex	semiconductor automotive, robot	manufacturing industry	real-life, generated instance, benchmark, github	meta heuristic, mat heuristic, genetic algorithm, simulated annealing, ant colony	1109	1730

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
ZarandiASC20 [784]	93	preempt, single-machine scheduling, order, tardiness, inventory, bi-objective, batch process, distributed, lateness, no-wait, resource, activity, multi-agent, completion-time, two-stage scheduling, net present value, due-date, one-machine scheduling, scheduling, machine, flow-shop, job, cmax, stochastic, reactive scheduling, re-scheduling, open-shop, task, flow-time, preemptive, Pareto, make-span, release-date, energy efficiency, precedence, earliness, sequence dependent setup, multi-objective, job-shop, transportation, breakdown, periodic, setup-time	HFS, PMSP, parallel machine, RCPSP, OSSP, JSSP, single machine, Resource-constrained Project Scheduling Problem, FJS, Resource-constrained Project Scheduling Problem with Discounted Cashflow, Open Shop Scheduling Problem	disjunctive, cycle	Prolog	OPL	satellite, robot, surgery, drone, medical, railway, business process, crew-scheduling, container terminal, train schedule, maintenance scheduling, nurse, aircraft, semiconductor, operating room, evacuation	textile industry, gas industry	real-world, benchmark, real-life	ant colony, simulated annealing, memetic algorithm, column generation, genetic algorithm, reinforcement learning, particle swarm, max-flow, machine learning, time-tabling, neural network, Lagrangian relaxation, swarm intelligence, meta heuristic	1153	1774
ZarandiKS16 [783]	17	make-span, preemptive, job, scheduling, completion-time, resource, machine, preempt, earliness, due-date, tardiness, job-shop, single-machine scheduling, transportation, task, order, distributed, flow-shop, breakdown, multi-objective	single machine			Ilog Solver	robot		real-world	genetic algorithm, machine learning, time-tabling, simulated annealing, meta heuristic	1220	1841
ZeballosH05 [786]	10	make-span, order, job, activity, resource, machine, tardiness, scheduling, transportation, buffer-capacity, completion-time, due-date, task, precedence				Ilog Scheduler, OPL, Ilog Solver	robot			genetic algorithm	1335	1956
ZeballosQH10 [787]	20	preemptive, make-span, precedence, earliness, job-shop, transportation, breakdown, preempt, order, tardiness, cmax, resource, activity, completion-time, due-date, scheduling, machine, multi-objective, job, task				ECLiPSe, Ilog Scheduler, OPL, Ilog Solver, Cplex	robot		real-world, benchmark	ant colony, genetic algorithm	1295	1916

Table 6: Automatically Extracted ARTICLE Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
ZhangW18 [793]	18	job, no-wait, lateness, job-shop, unavailability, transportation, multi-agent, earliness, breakdown, preempt, flow-time, distributed, resource, tardiness, scheduling, multi-objective, completion-time, flow-shop, precedence, re-scheduling, order, make-span, stochastic, machine, setup-time	FJS	cumulative, noOverlap		Cplex, Z3, OPL	robot		benchmark	meta heuristic, ant colony, particle swarm, simulated annealing, genetic algorithm, memetic algorithm	1193	1814
ZhangYW21 [792]	10	cmax, machine, job, re-scheduling, setup-time, preempt, scheduling, precedence, order, make-span, multi-objective, task, activity, release-date, preemptive, distributed, job-shop, batch process, resource, multi-agent	Resource-constrained Project Scheduling Problem, RCPSP	disjunctive, endBeforeStart		Cplex	robot		benchmark	memetic algorithm, meta heuristic, simulated annealing, genetic algorithm, particle swarm, ant colony	1128	1749
Zhou97 [796]	29	release-date, job-shop, due-date, task, order, preempt, scheduling, preemptive, completion-time, precedence, job, machine		Disjunctive constraint, disjunctive, cumulative	Prolog	CHIP, Z3, Ilog Scheduler			benchmark	edge-finding, edge-finder	1387	2008
ZhuSZW23 [799]	22	order, scheduling, completion-time, machine, setup-time, job, task, open-shop, make-span, transportation, multi-agent, cmax, distributed, resource, inventory, job-shop, Benders Decomposition, Logic-Based Benders Decomposition, precedence, preempt, re-scheduling		endBeforeStart, alternative constraint, disjunctive, noOverlap		Cplex	robot	cable industry	real-world, benchmark	genetic algorithm, column generation, ant colony, particle swarm	1081	1702
ZouZ20 [802]	10	resource, multi-objective, task, order, scheduling, completion-time, activity, two-stage scheduling, stochastic, precedence, distributed		cumulative, noOverlap, span constraint, endBeforeStart		Cplex, OPL	pipeline		benchmark	genetic algorithm, meta heuristic	1154	1775
abs-0907-0939 [605]	12	task, preemptive, resource, activity, scheduling, release-date, order, due-date, preempt, make-span		Cardinality constraint, RelSoftCumulative, Cumulatives constraint, RelSoftCumulativeSum, cumulative, SoftCumulative, SoftCumulativeSum	Java	Choco Solver, CHIP			real-world	sweep, energetic reasoning, edge-finding	1306	1927

Table 6: Automatically Extracted ARTICLE Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
abs-1009-0347 [660]	37	make-span, task, precedence, preemptive, cmax, resource, activity, scheduling, machine, order, preempt	Resource-constrained Project Scheduling Problem, psplib, RCPSP, SCC	disjunctive, cumulative, cycle	C++	Ilog Scheduler, CHIP, Ilog Solver			benchmark, instance generator	genetic algorithm, lazy clause generation	1296	1917
abs-1901-07914 [95]	8	resource, distributed, machine, multi-agent, scheduling, order, make-span, task			Python	OR-Tools, MiniZinc	robot		benchmark, real-world, github		1172	1793
abs-1902-01193 [17]	9	order, scheduling, stochastic, resource, activity, BOM, task			Python, C++, Prolog	CHIP, Ilog Solver, OPL	medical, nurse			simulated annealing, meta heuristic, time-tabling, genetic algorithm, particle swarm	1173	1794
abs-1902-09244 [350]	62	completion-time, breakdown, resource, setup-time, activity, task, machine, flow-shop, job-shop, job, tardiness, order, inventory, multi-objective, no-wait, due-date, precedence, transportation, earliness, bi-objective, scheduling, stochastic, make-span, release-date	FJS, RCMPSP, Resource-constrained Project Scheduling Problem, RCPSP	cumulative, cycle, endBeforeStart		OPL, Cplex	aircraft	automobile industry, steel industry, food-processing industry, glass industry, processing industry	benchmark, industry partner, real-world	genetic algorithm, particle swarm, simulated annealing, meta heuristic	1174	1795
abs-1911-04766 [291]	16	scheduling, order, make-span, due-date, precedence, task, release-date, completion-time, job, resource, re-scheduling, activity, multi-objective	Resource-constrained Project Scheduling Problem, RCPSP	noOverlap, Cardinality constraint, disjunctive, cumulative, alternative constraint, endBeforeStart	Java	MiniZinc, CPO, Chuffed, Cplex, Gecode	automotive		real-world, benchmark, github, real-life, instance generator, generated instance, industrial partner	large neighborhood search, simulated annealing, meta heuristic, time-tabling	1175	1796
abs-2102-08778 [193]	10	task, job, resource, open-shop, machine, flow-shop, job-shop, scheduling, order, make-span	JSSP		Java	Cplex, OR-Tools, OPL, MiniZinc, CPO			benchmark, real-life, real-world, generated instance	genetic algorithm	1129	1750

Table 6: Automatically Extracted ARTICLE Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
abs-2211-14492 [689]	17	distributed, multi-objective, flow-shop, energy efficiency, transportation, scheduling, order, make-span, completion-time, cmax, resource, setup-time, activity, due-date, precedence, task, machine, job-shop, job, tardiness	single machine	bin-packing, cumulative, Disjunctive constraint, disjunctive	Python	Cplex, OR-Tools	semiconductor		benchmark, random instance, generated instance	quadratic programming, machine learning, neural network, reinforcement learning, column generation, genetic algorithm, deep learning, ant colony, meta heuristic	1110	1731
abs-2305-19888 [365]	42	job, re-scheduling, unavailability, sequence dependent setup, distributed, preemptive, flow-shop, bi-objective, scheduling, order, make-span, completion-time, cmax, preempt, resource, setup-time, activity, precedence, task, machine	parallel machine	noOverlap, alternative constraint, cumulative		Gurobi	robot, high performance computing		generated instance, real-world, gitlab, benchmark	meta heuristic, Lagrangian relaxation, genetic algorithm	1082	1703
abs-2306-05747 [702]	9	job-shop, re-scheduling, scheduling, order, make-span, preempt, precedence, task, flow-time, completion-time, job, resource, periodic, tardiness, machine, flow-shop	JSSP	noOverlap, disjunctive, cumulative	Java	Choco Solver			supplementary material, benchmark, real-world, github, industrial instance	machine learning, neural network, large neighborhood search, meta heuristic, reinforcement learning, genetic algorithm, simulated annealing	1083	1704
abs-2312-13682 [600]	20	resource, activity, machine, inventory, re-scheduling, scheduling, order, make-span, transportation, task		cumulative, table constraint		OPL	steel mill, container terminal, train schedule, nurse, operating room		real-world, generated instance	large neighborhood search, meta heuristic, mat heuristic	1084	1705

Table 6: Automatically Extracted ARTICLE Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
abs-2402-00459 [567]	21	machine, job-shop, job, multi-agent, tardiness, multi-objective, due-date, earliness, scheduling, order, net present value, completion-time, resource, precedence, task	single machine, Resource-constrained Project Scheduling Problem	Disjunctive constraint, disjunctive, bin-packing, cumulative		OPL, OR-Tools		mining industry	instance generator, real-world, generated instance, benchmark, github	particle swarm, simulated annealing, ant colony, meta heuristic, quadratic programming, Lagrangian relaxation, machine learning, neural network, reinforcement learning, column generation, mat heuristic, genetic algorithm	1053	1674

3.3 Manually Defined Fields

Table 7: Manually Defined ARTICLE Properties

Key	Title (Local Copy)	CP System	Bench	Links	Data Avail	Sol Avail	Code Avail	Related To	Classification	Constraints	a	b
ForbesHJST24 ForbesHJST24 [267]	Combining optimisation and simulation using logic-based Benders decomposition		benchmark, real-life, github	1							1050	1478
LuZZYW24 LuZZYW24 [498]	Integrated Inbound and Outbound Scheduling for Coal Port: Constraint Programming and Adaptive Local Search		real-life, real-world	5							1051	1552
PrataAN23 PrataAN23 [616]	Applications of constraint programming in production scheduling problems: A descriptive bibliometric analysis	-	benchmark, real-world, real-life	1	-		-	-	survey	-	1052	1602
abs-2402-00459 abs-2402-00459 [567]	Genetic-based Constraint Programming for Resource Constrained Job Scheduling	OR-Tools	instance generator, real-world, generated instance, benchmark, github	2	y		n	-	RCJS	cumulatives	1053	1670
AbreuNP23 AbreuNP23 [209]	A new two-stage constraint programming approach for open shop scheduling problem with machine blocking	?	real-world, benchmark	10	?		?	?	?	?	1054	1405
AbreuPNF23 AbreuPNF23 [3]	A constraint programming-based iterated greedy algorithm for the open shop with sequence-dependent processing times and makespan minimization		real-life, benchmark, real-world	0							1055	1406
Adelgren2023 Adelgren2023 [9]	On the utility of production scheduling formulations including record keeping variables		generated instance, benchmark, real-life, github, supplementary material	12							1056	1407
AfsarVPG23 AfsarVPG23 [10]	Mathematical models and benchmarking for the fuzzy job shop scheduling problem		real-life, supplementary material, benchmark, real-world	96							1057	1408
AkramNHSA23 AkramNHSA23 [16]	Joint Scheduling and Routing Optimization for Deterministic Hybrid Traffic in Time-Sensitive Networks Using Constraint Programming	OR-Tools	benchmark	0	n		n	-	TSN	-	1058	1410
AlfieriGPS23 AlfieriGPS23 [19]	Permutation flowshop problems minimizing core waiting time and core idle time		benchmark	0							1059	1411
Caballero23 Caballero23 [159]	Scheduling through logic-based tools	SAT		1	-		-	PhD Thesis	RCPSP	-	1060	1451
CzerniachowskaWZ23 CzerniachowskaWZ23 [197]	Constraint Programming for Flexible Flow Shop Scheduling Problem with Repeated Jobs and Repeated Operations		benchmark, Roadeff, real-world	0							1061	1461
FahimiQ23 FahimiQ23 [255]	Overload-Checking and Edge-Finding for Robust Cumulative Scheduling			0							1062	No
Fatemi-AnarakiTFV23 Fatemi-AnarakiTFV23 [260]	Scheduling of Multi-Robot Job Shop Systems in Dynamic Environments: Mixed-Integer Linear Programming and Constraint Programming Approaches		github, real-world, random instance	2							1063	1476
GhasemiMH23 GhasemiMH23 [299]	Operating room scheduling by emphasising human factors and dynamic decision-making styles: a constraint programming method			0							1064	No
GokPTGO23 GokPTGO23 [307]	Constraint-based robust planning and scheduling of airport apron operations through simheuristics		github, real-world	10							1065	1483

Table 7: Manually Defined ARTICLE Properties

Key	Title (Local Copy)	CP System	Bench	Links	Data Avail	Sol Avail	Code Avail	Related To	Classification	Constraints	a	b
GuoZ23 GuoZ23 [331]	Capacity reservation for humanitarian relief: A logic-based Benders decomposition method with subgradient cut		real-world, supplementary material, github, benchmark	14							1066	1490
GurPAE23 GurPAE23 [332]	Operating room scheduling with surgical team: a new approach with constraint programming and goal programming	Cplex	real-life	0	n		n	-	-	-	1067	1492
IsikYA23 IsikYA23 [398]	Constraint programming models for the hybrid flow shop scheduling problem and its extensions	OPL CP Opt	benchmark, real-life, real-world, generated instance benchmark	4	y		y	-	HFSP	alternative endBeforeStart noOverlap cumulative	1068	1515
JuvinHL23a JuvinHL23a [410]	Logic-based Benders decomposition for the preemptive flexible job-shop scheduling problem			1							1069	1521
LacknerMMWW23 LacknerMMWW23 [456]	Exact methods for the Oven Scheduling Problem	MiniZinc OPL	benchmark, instance generator, zenodo, real-life, random instance, industrial partner	0	DZN JSON		y	[455]	OSP	alternative noOverlap forbidExtent	1070	1538
MarliereSPR23 MarliereSPR23 [517]	A conditional time-intervals formulation of the real-time Railway Traffic Management Problem		real-world, benchmark	3							1071	1556
MontemanniD23 MontemanniD23 [543]	Solving the Parallel Drone Scheduling Traveling Salesman Problem via Constraint Programming	OR-Tools	benchmark, supplementary material	6	ref	y	n	-	PDSTSP	circuit	1072	1567
MontemanniD23a MontemanniD23a [542]	Constraint programming models for the parallel drone scheduling vehicle routing problem	OR-Tools	benchmark	0	ref		n	-	PDSTSP	circuit multipleCircuit	1073	1568
NaderiBZ23 NaderiBZ23 [555]	Integrated Order Acceptance and Resource Decisions Under Uncertainty: Robust and Stochastic Approaches		benchmark, real-world	0							1074	1572
NaderiBZR23 NaderiBZR23 [553]	A novel and efficient exact technique for integrated staffing, assignment, routing, and scheduling of home care services under uncertainty			0							1075	No
NaderiRR23 NaderiRR23 [558]	Mixed-Integer Programming vs. Constraint Programming for Shop Scheduling Problems: New Results and Outlook		github, benchmark	8							1076	1573
NouriMHD23 NouriMHD23 [731]	Production scheduling in a reconfigurable manufacturing system benefiting from human-robot collaboration			0							1077	No
PenzDN23 PenzDN23 [598]	Minimizing the sum of completion times on a single machine with health index and flexible maintenance operations			0							1078	1597
ShaikhK23 ShaikhK23 [668]	Management of electronic ledger: a constraint programming approach for solving curricula scheduling problems	?	real-world, benchmark	2	?		?	?	?	?	1079	1618
YuraszeckMCCR23 YuraszeckMCCR23 [780]	A Constraint Programming Formulation of the Multi-Mode Resource-Constrained Project Scheduling Problem for the Flexible Job Shop Scheduling Problem	CP Opt	github, benchmark, real-world	0	ref		n	-	FJSSP	alternative endBeforeStart cumulative	1080	1648
ZhuSZW23 ZhuSZW23 [799]	Constraint programming and logic-based Benders decomposition for the integrated process planning and scheduling problem		real-world, benchmark	0							1081	1657

Table 7: Manually Defined ARTICLE Properties

Key	Title (Local Copy)	CP System	Bench	Links	Data Avail	Sol Avail	Code Avail	Related To	Classification	Constraints	a	b
abs-2305-19888 abs-2305-19888 [365]	Constraint Programming and Constructive Heuristics for Parallel Machine Scheduling with Sequence-Dependent Setups and Common Servers	CP Opt Gurobi	generated instance, real-world, gitlab, benchmark	1	y	y	n	-	$P seq, ser C_{max}$	alternative noOverlap cumulative	1082	1667
abs-2306-05747 abs-2306-05747 [702]	An End-to-End Reinforcement Learning Approach for Job-Shop Scheduling Problems Based on Constraint Programming	custom Choco	supplementary material, benchmark, real-world, github, industrial instance	0	ref		n	-	JSSP	noOverlap	1083	1668
abs-2312-13682 abs-2312-13682 [600]	A Constraint Programming Model for Scheduling the Unloading of Trains in Ports: Extended	custom	real-world, generated instance	0	n		n	-	SUTP	table disjunctive	1084	1669
AbreuN22 AbreuN22 [208]	A new hybridization of adaptive large neighborhood search with constraint programming for open shop scheduling with sequence-dependent setup times	Cplex CP Opt	real-world, benchmark	0	y		n	-	OSSPST	noOverlap	1085	1404
AwadMDMT22 AwadMDMT22 [48]	A constraint programming model for makespan minimisation in batch manufacturing pharmaceutical facilities			0							1086	No
BourreauGGLT22 BourreauGGLT22 [146]	A constraint-programming based decomposition method for the Generalised Workforce Scheduling and Routing Problem (GWSRP)		real-world, benchmark	2							1087	1449
CampeauG22 CampeauG22 [162]	Short- and medium-term optimization of underground mine planning using constraint programming	CP Opt	real-life, real-world	0	ref		n			pulse alwaysIn endBeforeStart noOverlap	1088	1452
ColT22 ColT22 [199]	Industrial-size job shop scheduling with constraint programming		generated instance, supplementary material, github, benchmark, real-life, real-world	4							1089	1459
ElciOH22 ElciOH22 [239]	Stochastic Planning and Scheduling with Logic-Based Benders Decomposition		benchmark, random instance, real-life	0							1090	1466
EmdeZD22 EmdeZD22 [243]	Point-to-point and milk run delivery scheduling: models, complexity results, and algorithms based on Benders decomposition		random instance, github	7							1091	1467
EtminaniesfahaniGNMS22 EtminaniesfahaniGNMS22 [249]	A Forward-Backward Relax-and-Solve Algorithm for the Resource-Constrained Project Scheduling Problem		real-world	0							1092	1469
FarsiTM22 FarsiTM22 [259]	Integrated surgery scheduling by constraint programming and meta-heuristics		supplementary material	10							1093	1475
FetgoD22 FetgoD22 [262]	Horizontally Elastic Edge-Finder Algorithm for Cumulative Resource Constraint Revisited		benchmark, real-world	7							1094	1477
HeinzNVH22 HeinzNVH22 [364]	Constraint Programming and constructive heuristics for parallel machine scheduling with sequence-dependent setups and common servers		real-world, generated instance, benchmark, gitlab	3							1095	1504
HillBCGN22 HillBCGN22 [372]	Optimization Strategies for Resource-Constrained Project Scheduling Problems in Underground Mining			0							1096	No

Table 7: Manually Defined ARTICLE Properties

Key	Title (Local Copy)	CP System	Bench	Links	Data Avail	Sol Avail	Code Avail	Related To	Classification	Constraints	a	b
JuvinHL22 JuvinHL22 [408]	Logic-Based Benders Decomposition for the Preemptive Flexible Job-Shop Scheduling Problem		benchmark	0							1097	1520
MartnezAJ22 MartnezAJ22 [520]	Logic-Based Benders Decomposition for Integrated Process Configuration and Production Planning Problems			0							1098	No
MengGRZSC22 MengGRZSC22 [527]	Novel MILP and CP models for distributed hybrid flowshop scheduling problem with sequence-dependent setup times			0							1099	No
MullerMKP22 MullerMKP22 [547]	An algorithm selection approach for the flexible job shop scheduling problem: Choosing constraint programming solvers through machine learning		benchmark, github, random instance, real-world	3							1100	1569
NaderiBZ22 NaderiBZ22 [554]	Integrated Order Acceptance and Resource Decisions Under Uncertainty: Robust and Stochastic Approaches		benchmark, real-life	0							1101	1570
NaderiBZ22a NaderiBZ22a [552]	Type-2 integrated process-planning and scheduling problem: Reformulation and solution algorithms		benchmark	0							1102	1571
NaderiR22 NaderiR22 [556]	Critical-Path-Search Logic-Based Benders Decomposition Approaches for Flexible Job Shop Scheduling			0							1103	No
OrnekOS20 OrnekOS20 [583]	Integer and constraint programming model formulations for flight-gate assignment problem		real-world, generated instance	0							1104	1589
PohlAK22 PohlAK22 [609]	Solving the time-discrete winter runway scheduling problem: A column generation and constraint programming approach		benchmark, real-world	2							1105	1599
ShiYXQ22 ShiYXQ22 [670]	Solving the integrated process planning and scheduling problem using an enhanced constraint programming-based approach			0							1106	No
SubulanC22 SubulanC22 [687]	Constraint programming-based transformation approach for a mixed fuzzy-stochastic resource investment project scheduling problem		real-world, real-life, benchmark	2							1107	1625
YunusogluY22 YunusogluY22 [777]	Constraint programming approach for multi-resource-constrained unrelated parallel machine scheduling problem with sequence-dependent setup times		real-world, generated instance, benchmark, real-life, supplementary material	10							1108	1647
YuraszeckMPV22 YuraszeckMPV22 [779]	A Novel Constraint Programming Decomposition Approach for the Total Flow Time Fixed Group Shop Scheduling Problem		real-life, generated instance, benchmark, github	5							1109	1649
abs-2211-14492 abs-2211-14492 [689]	Enhancing Constraint Programming via Supervised Learning for Job Shop Scheduling		benchmark, random instance, generated instance	1							1110	1666
AbohashimaEG21 AbohashimaEG21 [2]	A Mathematical Programming Model and a Firefly-Based Heuristic for Real-Time Traffic Signal Scheduling With Physical Constraints		real-world, generated instance, github	0							1111	1402
AbreuAPNM21 AbreuAPNM21 [207]	A new variable neighbourhood search with a constraint programming search strategy for the open shop scheduling problem with operation repetitions		benchmark, generated instance, real-world	8							1112	1403

Table 7: Manually Defined ARTICLE Properties

Key	Title (Local Copy)	CP System	Bench	Links	Data Avail	Sol Avail	Code Avail	Related To	Classification	Constraints	a	b
Bedhief21 Bedhief21 [92]	Comparing Mixed-Integer Programming and Constraint Programming Models for the Hybrid Flow Shop Scheduling Problem with Dedicated Machines		real-life	0							1113	1433
CarlierSJP21 CarlierSJP21 [172]	A faster checker of the energetic reasoning for the cumulative scheduling problem			0							1114	No
Edis21 Edis21 [234]	Constraint programming approaches to disassembly line balancing problem with sequencing decisions			0							1115	No
FanXG21 FanXG21 [258]	Genetic programming-based hyper-heuristic approach for solving dynamic job shop scheduling problem with extended technical precedence constraints		benchmark	0							1116	1474
HamP21 HamP21 [339]	Human-Robot Task Allocation and Scheduling: Boeing 777 Case Study			0							1117	No
HamPK21 HamPK21 [340]	Energy-Aware Flexible Job Shop Scheduling Using Mixed Integer Programming and Constraint Programming		github, bench- mark	4							1118	1498
HubnerGSV21 HubnerGSV21 [395]	Solving the nuclear dismantling project scheduling problem by combining mixed-integer and constraint programming techniques and metaheuristics		benchmark, real-life	4							1119	1514
KoehlerBFFHPSSS21 KoehlerBFFH- PSSS21 [428]	Cable tree wiring - benchmarking solvers on a real-world scheduling problem with a variety of precedence constraints	CP Opt OR-Tools Chuffed Cplex Gurobi Z3 OptiMathSat	real-world, benchmark, github	9	DZN		y	-	CTW	alldifferent inverse	1120	1526
MengLZB21 MengLZB21 [528]	Constraint programing for solving four complex flexible shop scheduling problems			0							1121	No
NaderiRBAU21 NaderiRBAU21 [557]	Increased Surgical Capacity without Additional Resources: Generalized Operating Room Planning and Scheduling			0							1122	No
PandeyS21a PandeyS21a [592]	Constraint programming versus heuristic approach to MapReduce scheduling problem in Hadoop YARN for energy minimization		benchmark	1							1123	1594
QinWSLS21 QinWSLS21 [619]	A Genetic Programming-Based Scheduling Approach for Hybrid Flow Shop With a Batch Processor and Waiting Time Constraint			0							1124	1604
RabbaniMM21 RabbaniMM21 [624]	A constraint programming approach and a hybrid of genetic and K-means algorithms to solve the p-hub location-allocation problems			0							1125	No
RoshanaeiN21 RoshanaeiN21 [642]	Solving integrated operating room planning and scheduling: Logic-based Benders decomposition versus Branch-Price-and-Cut			0							1126	No
VlkHT21 VlkHT21 [750]	Constraint programming approaches to joint routing and scheduling in time-sensitive networks		github, bench- mark, industrial partner, random instance	0							1127	1640
ZhangYW21 ZhangYW21 [792]	A graph-based constraint programming approach for the integrated process planning and scheduling problem		benchmark	0							1128	1655

Table 7: Manually Defined ARTICLE Properties

Key	Title (Local Copy)	CP System	Bench	Links	Data Avail	Sol Avail	Code Avail	Related To	Classification	Constraints	a	b
abs-2102-08778 abs-2102-08778 [193]	Large-Scale Benchmarks for the Job Shop Scheduling Problem		benchmark, real-life, real-world, generated instance	0							1129	1665
AlizdehS20 AlizdehS20 [20]	Fuzzy project scheduling with critical path including risk and resource constraints using linear programming			0							1130	No
AntunesABD20 AntunesABD20 [24]	Assigning and Scheduling Service Visits in a Mixed Urban/Rural Setting		real-world, industrial partner	1							1131	1412
AstrandJZ20 AstrandJZ20 [47]	Underground mine scheduling of mobile machines using Constraint Programming and Large Neighborhood Search		benchmark, real-life, real-world	0							1132	1416
BadicaBI20 BadicaBI20 [49]	Block structured scheduling using constraint logic programming		real-world, benchmark	5							1133	1417
BalochG20 BalochG20 [55]	Strategic Network Design for Parcel Delivery with Drones Under Competition			0							1134	No
BenediktMH20 BenediktMH20 [105]	Power of pre-processing: production scheduling with variable energy pricing and power-saving states	CP Opt Gurobi	benchmark, random instance, github, generated instance	4	JSON		y				1135	1438
CarlierPSJ20 CarlierPSJ20 [167]	An $O(n^2)$ algorithm for time-bound adjustments for the cumulative scheduling problem			0							1136	No
CauwelaertDS20 CauwelaertDS20 [179]	An Efficient Filtering Algorithm for the Unary Resource Constraint with Transition Times and Optional Activities		benchmark, real-life, bit-bucket, generated instance	2							1137	1454
FachiniA20 FachiniA20 [252]	Logic-based Benders decomposition for the heterogeneous fixed fleet vehicle routing problem with time windows			0							1138	No
FallahiAC20 FallahiAC20 [257]	Tabu search and constraint programming-based approach for a real scheduling and routing problem		github, real-life	0							1139	1473
GuoHLW20 GuoHLW20 [330]	Logic-based Benders decomposition for gantry crane scheduling with transferring position constraints in a rail-road container terminal			0							1140	No
Ham20 Ham20 [337]	Transfer-robot task scheduling in job shop			0							1141	No
Ham20a Ham20a [336]	Drone-Based Material Transfer System in a Robotic Mobile Fulfillment Center			0							1142	No
HauderBRPA20 HauderBRPA20 [351]	Resource-constrained multi-project scheduling with activity and time flexibility		real-world, industrial partner, benchmark, supplementary material	0							1143	1501
LunardiBLRV20 LunardiBLRV20 [500]	Mixed Integer linear programming and constraint programming models for the online printing shop scheduling problem		benchmark, random instance, generated instance, github	1							1144	1553
MejiaY20 MejiaY20 [523]	A self-tuning variable neighborhood search algorithm and an effective decoding scheme for open shop scheduling problems with travel/setup times		supplementary material, benchmark, generated instance	2							1145	1559
MengZRZL20 MengZRZL20 [529]	Mixed-integer linear programming and constraint programming formulations for solving distributed flexible job shop scheduling problem		benchmark, supplementary material	0							1146	1562

Table 7: Manually Defined ARTICLE Properties

Key	Title (Local Copy)	CP System	Bench	Links	Data Avail	Sol Avail	Code Avail	Related To	Classification	Constraints	a	b
MokhtarzadehTNF20 MokhtarzadehTNF20 [539]	Scheduling of human-robot collaboration in assembly of printed circuit boards: a constraint programming approach		generated instance, real-world	12							1147	1566
Polo-MejiaALB20 Polo-MejiaALB20 [610]	Mixed-integer/linear and constraint programming approaches for activity scheduling in a nuclear research facility		Roadef, github	2							1148	1600
QinDCS20 QinDCS20 [620]	Combining mixed integer programming and constraint programming to solve the integrated scheduling problem of container handling operations of a single vessel		real-life, benchmark	0							1149	1603
RoshanaeiBAUB20 RoshanaeiBAUB20 [639]	Branch-and-check methods for multi-level operating room planning and scheduling		benchmark, generated instance, real-world	0							1150	1607
SacramentoSP20 SacramentoSP20 [645]	Constraint Programming and Local Search Heuristic: a Matheuristic Approach for Routing and Scheduling Feeder Vessels in Multi-terminal Ports		benchmark, real-life, zenodo, real-world	4							1151	1610
WallaceY20 WallaceY20 [754]	A new constraint programming model and solving for the cyclic hoist scheduling problem	MiniZinc	random instance, real-world, real-life, benchmark	2	DZN		y		CHSP		1152	1642
ZarandiASC20 ZarandiASC20 [784]	A state of the art review of intelligent scheduling		real-world, benchmark, real-life	0							1153	1650
ZouZ20 ZouZ20 [802]	A constraint programming approach for scheduling repetitive projects with atypical activities considering soft logic		benchmark	3							1154	1658
ArkhipovBL19 ArkhipovBL19 [31]	An efficient pseudo-polynomial algorithm for finding a lower bound on the makespan for the Resource Constrained Project Scheduling Problem		benchmark	1							1155	1413
ColT2019a ColT2019a [198]	Google vs IBM: A Constraint Solving Challenge on the Job-Shop Scheduling Problem			0							1156	No
EdwardsBSE19 EdwardsBSE19 [237]	Symmetry breaking of identical projects in the high-multiplicity RCPSP/max			0							1157	No
EscobetPQPRA19 EscobetPQPRA19 [247]	Optimal batch scheduling of a multiproduct dairy process using a combined optimization/constraint programming approach			1							1158	1468
GurEA19 GurEA19 [803]	Surgical Operation Scheduling with Goal Programming and Constraint Programming: A Case Study		real-life	11							1159	1491
HechingHK19 HechingHK19 [356]	A Logic-Based Benders Approach to Home Healthcare Delivery			0							1160	No
HoundjiSW19 HoundjiSW19 [393]	The item dependent stockingcost constraint		random instance, bit-bucket, benchmark	2							1161	1513
NattafDYW19 NattafDYW19 [563]	Parallel machine scheduling with time constraints on machine qualifications		benchmark	0							1162	1577
NattafHKAL19 NattafHKAL19 [564]	Polyhedral results and valid inequalities for the continuous energy-constrained scheduling problem		benchmark, real-life	0							1163	1578
NishikawaSTT19 NishikawaSTT19 [570]	A Constraint Programming Approach to Scheduling of Malleable Tasks		real-world, benchmark	0							1164	1579

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Key	Title (Local Copy)	CP System	Bench	Links	Data Avail	Sol Avail	Code Avail	Related To	Classification	Constraints	a	b
Novas19 Novas19 [572]	Production scheduling and lot streaming at flexible job-shops environments using constraint programming		benchmark	0							1165	1581
SunTB19	A Benders decomposition-based framework for solving quay crane scheduling problems			0							1166	No
SunTB19 [688]	A Hybrid MIP-CP Approach to Multistage Scheduling Problem in Continuous Casting and Hot-Rolling Processes			0							1167	No
TanZWGQ19	An exact algorithm for integrated planning of operations in dry bulk terminals			0							1168	No
TanZWGQ19 [697]	A Constraint Programming model for food processing industry: a case for an ice cream processing facility			0							1169	No
UnsalO19	A Constraint-Based Declarative Programming Framework for Scheduling and Resource Allocation Problems			0							1170	1644
UnsalO19 [730]	Using mixed integer programming and constraint programming for operating rooms scheduling with modified block strategy		real-life, real-world	6							1171	1646
WariZ19 WariZ19 [758]	A Constraint Programming Approach to Simultaneous Task Allocation and Motion Scheduling for Industrial Dual-Arm Manipulation Tasks		benchmark, real-world, github	0							1172	1661
WikarekS19	Solving Nurse Scheduling Problem Using Constraint Programming Technique			0							1173	1662
WikarekS19 [762]	On constraint programming for a new flexible project scheduling problem with resource constraints		benchmark, industry partner, real-world	0							1174	1663
YounespourAKE19	Investigating Constraint Programming and Hybrid Methods for Real World Industrial Test Laboratory Scheduling		real-world, benchmark, github, real-life, instance generator, generated instance, industrial partner	10							1175	1664
YounespourAKE19 [774]	Redundant cumulative constraints to compute preemptive bounds			1							1176	1421
abs-1901-07914	Scheduling-based power capping in high performance computing systems		benchmark, real-life	3							1177	1448
abs-1901-07914 [95]	Constraint programming for solving various assembly line balancing problems			0							1178	No
abs-1902-01193	How efficient is a global constraint in practice? - A fair experimental framework		benchmark, bit-bucket	1							1179	1455
abs-1902-01193 [17]	Linear-time filtering algorithms for the disjunctive constraint and a quadratic filtering algorithm for the cumulative not-first not-last	Choco	benchmark, random instance	0	(y)		n		RCPSP	disjunctive cumulative	1180	1471
abs-1902-09244	A constraint programming approach for solving unrelated parallel machine scheduling problem		benchmark	9							1181	1481
abs-1902-09244 [350]	Parallel machine scheduling with tool loading: a constraint programming approach		real-world, real-life	9							1182	1484
abs-1911-04766	Optimal Torpedo Scheduling		github, generated instance, instance generator, benchmark	0							1183	1485
abs-1911-04766 [291]												
BaptisteB18												
BaptisteB18 [58]												
BorghesiBLMB18												
BorghesiBLMB18 [141]												
BukchinR18												
BukchinR18 [155]												
CauwelaertLS18												
CauwelaertLS18 [178]												
FahimiOQ18												
FahimiOQ18 [254]												
GedikKEK18												
GedikKEK18 [288]												
GokgurHO18												
GokgurHO18 [308]												
GoldwaserS18												
GoldwaserS18 [310]												

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Key	Title (Local Copy)	CP System	Bench	Links	Data Avail	Sol Avail	Code Avail	Related To	Classification	Constraints	a	b
GombolayWS18 GombolayWS18 [312]	Fast Scheduling of Robot Teams Performing Tasks With Temporospatial Constraints		real-world, instance generator, benchmark	0							1184	1486
Ham18 Ham18 [341]	Integrated scheduling of m-truck, m-drone, and m-depot constrained by time-window, drop-pickup, and m-visit using constraint programming			7							1185	1495
Ham18a Ham18a [335]	Scheduling of Dual Resource Constrained Lithography Production: Using CP and MIP/CP		real-world	0							1186	1496
KreterSSZ18 KreterSSZ18 [444]	Mixed-integer linear programming and constraint programming formulations for solving resource availability cost problems		benchmark	6							1187	1532
LaborieRSV18 LaborieRSV18 [453]	IBM ILOG CP optimizer for scheduling - 20+ years of scheduling with constraints at IBM/ILOG	OP Opt	real-world, CSPLib, benchmark	3	-		-	-	-	-	1188	1537
PourDERB18 PourDERB18 [612]	A hybrid Constraint Programming/Mixed Integer Programming framework for the preventive signaling maintenance crew scheduling problem		real-world, real-life, benchmark, generated instance	1							1189	1601
ShinBBHO18 ShinBBHO18 [671]	Discrete-Event Simulation and Integer Linear Programming for Constraint-Aware Resource Scheduling		real-world, github	4							1190	1619
TangLWSK18 TangLWSK18 [699]	Scheduling Optimization of Linear Schedule with Constraint Programming			0							1191	1627
TranPZLDB18 TranPZLDB18 [722]	Multi-stage resource-aware scheduling for data centers with heterogeneous servers		benchmark, generated instance	2							1192	1635
ZhangW18 ZhangW18 [793]	Flexible Assembly Job-Shop Scheduling With Sequence-Dependent Setup Times and Part Sharing in a Dynamic Environment: Constraint Programming Model, Mixed-Integer Programming Model, and Dispatching Rules		benchmark	0							1193	1654
EmeretlisTAV17 EmeretlisTAV17 [244]	Static Mapping of Applications on Heterogeneous Multi-Core Platforms Combining Logic-Based Benders Decomposition with Integer Linear Programming			0							1194	No
GedikKBR17 GedikKBR17 [289]	A constraint programming approach for the team orienteering problem with time windows			0							1195	No
GomesM17 GomesM17 [314]	Improved Combinatorial Benders Decomposition for a Scheduling Problem with Unrelated Parallel Machines			1							1196	1487
HamFC17 HamFC17 [338]	Constraint Programming Approach for Scheduling Jobs With Release Times, Non-Identical Sizes, and Incompatible Families on Parallel Batching Machines			0							1197	No
HookerH17 HookerH17 [391]	Constraint programming and operations research		real-world, real-life	1							1198	1511
KreterSS17 KreterSS17 [443]	Using constraint programming for solving RCPSP/max-cal	MiniZinc Chuffed Cplex	benchmark	5	dead			[442]	RCPSP	cumulative cumulativeCalend.	1199	1531
NattafAL17 NattafAL17 [561]	Cumulative scheduling with variable task profiles and concave piecewise linear processing rate functions		real-world	2	n		n	-	CECSP	-	1200	1575

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RoshanaeiLAU17 RoshanaeiLAU17 [640]	Propagating logic-based Benders' decomposition approaches for distributed operating room scheduling		real-world	1							1201	1608
RoshanaeiLAU17a RoshanaeiLAU17a [641]	Collaborative Operating Room Planning and Scheduling			0							1202	No
SchnellH17 SchnellH17 [654]	On the generalization of constraint programming and boolean satisfiability solving techniques to schedule a resource-constrained project consisting of multi-mode jobs			0							1203	No
TranVNB17 TranVNB17 [724]	Robots in Retirement Homes: Applying Off-the-Shelf Planning and Scheduling to a Team of Assistive Robots		real-world	0							1204	1636
BlomPS16 BlomPS16 [122]	A Decomposition-Based Algorithm for the Scheduling of Open-Pit Networks Over Multiple Time Periods		industry partner, benchmark	0							1205	1444
Bonfietti16 Bonfietti16 [130]	A constraint programming scheduling solver for the MPOpt programming environment		benchmark	10							1206	1446
BoothTNB16 BoothTNB16 [140]	Mixed-Integer and Constraint Programming Techniques for Mobile Robot Task Planning			0							1207	No
BridiBLMB16 BridiBLMB16 [150]	A Constraint Programming Scheduler for Heterogeneous High-Performance Computing Machines		real-life, real-world	0							1208	1450
CireCH16 CireCH16 [187]	Logic-based Benders decomposition for planning and scheduling: a computational analysis			1							1209	1457
DoulabiRP16 DoulabiRP16 [233]	A Constraint-Programming-Based Branch-and-Price-and-Cut Approach for Operating Room Planning and Scheduling		real-world, generated instance	3							1210	1465
HamC16 HamC16 [342]	Flexible job shop scheduling problem with parallel batch processing machines: MIP and CP approaches		benchmark	2							1211	1497
HebrardHJMPV16 HebrardHJMPV16 [354]	Approximation of the parallel machine scheduling problem with additional unit resources		industrial partner	0							1212	1502
KuB16 KuB16 [445]	Mixed Integer Programming models for job shop scheduling: A computational analysis		benchmark	4							1213	1533
NattafALR16 NattafALR16 [562]	Energetic reasoning and mixed-integer linear programming for scheduling with a continuous resource and linear efficiency functions		generated instance	1							1214	1576
NovaraNH16 NovaraNH16 [571]	A novel constraint programming model for large-scale scheduling problems in multiproduct multistage batch plants: Limited resources and campaign-based operation		CSPLib, benchmark	5							1215	1580
OrnekO16 OrnekO16 [582]	Optimisation and Constraint Based Heuristic Methods for Advanced Planning and Scheduling Systems		real-world, real-life	0							1216	1588
QinDS16 QinDS16 [621]	Evaluating the solution performance of IP and CP for berth allocation with time-varying water depth			0							1217	No
RiiseML16 RiiseML16 [631]	Recursive logic-based Benders' decomposition for multi-mode outpatient scheduling			0							1218	No
TranAB16 TranAB16 [719]	Decomposition Methods for the Parallel Machine Scheduling Problem with Setups		benchmark	0							1219	1634
ZarandiKS16 ZarandiKS16 [783]	A constraint programming model for the scheduling of JIT cross-docking systems with preemption		real-world	0							1220	1651

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AlesioBNG15 AlesioBNG15 [18]	Combining Genetic Algorithms and Constraint Programming to Support Stress Testing of Task Deadlines			0							1221	No
BajestaniB15 BajestaniB15 [53]	A two-stage coupled algorithm for an integrated maintenance planning and flowshop scheduling problem with deteriorating machines		real-world	0							1222	1419
EvenSH15a EvenSH15a [251]	A Constraint Programming Approach for Non-Preemptive Evacuation Scheduling		real-world, real-life	2							1223	1470
GoelSHFS15 GoelSHFS15 [305]	Constraint programming for LNG ship scheduling and inventory management			0							1224	1482
GrimesH15 GrimesH15 [319]	Solving Variants of the Job Shop Scheduling Problem Through Conflict-Directed Search		real-world, benchmark	0							1225	1488
Kameugne15 Kameugne15 [413]	Propagation techniques of resource constraint for cumulative scheduling	-		2	-		-	PhDThesis	RCPSP		1226	1522
LetortCB15 LetortCB15 [467]	Synchronized sweep algorithms for scalable scheduling constraints	Choco SICStus	generated instance, RoadeF, benchmark, random instance	4	dead		-	[466]	-	cumulative dimCumulativePr	1227	1540
NattafAL15 NattafAL15 [560]	A hybrid exact method for a scheduling problem with a continuous resource and energy constraints	Cplex	generated instance	1	n		n		CSCSP		1228	1574
OzturkTHO15 OzturkTHO15 [591]	Cyclic scheduling of flexible mixed model assembly lines with parallel stations		real-life	24							1229	1593
SchnellH15 SchnellH15 [653]	On the efficient modeling and solution of the multi-mode resource-constrained project scheduling problem with generalized precedence relations		real-life, benchmark, supplementary material	3							1230	1615
Siala15 Siala15 [672]	Search, propagation, and learning in sequencing and scheduling problems	-	real-world, github, benchmark, random instance, RoadeF, CSPlib	2	-		-	PhD Thesis			1231	1620
SimoninAHL15 SimoninAHL15 [676]	Scheduling scientific experiments for comet exploration	MOST Ilog Scheduler		0	n		n	[675]		cumulative dataTransfer	1232	1621
WangMD15 WangMD15 [757]	Scheduling operating theatres: Mixed integer programming vs. constraint programming		real-life, real-world	2							1233	1643
ArtiguesL14 ArtiguesL14 [40]	Energetic reasoning for energy-constrained scheduling with a continuous resource			0							1234	No
BlomBPS14 BlomBPS14 [121]	A Decomposition-Based Heuristic for Collaborative Scheduling in a Network of Open-Pit Mines		industry partner, benchmark	0							1235	1443
BonfiettiLBM14 BonfiettiLBM14 [133]	CROSS cyclic resource-constrained scheduling solver		benchmark, real-world, generated instance, industrial instance	0							1236	1447
GrimesIOS14 GrimesIOS14 [321]	Analyzing the impact of electricity price forecasting on energy cost-aware scheduling		real-world, real-life	9							1237	1489
HarjunkoskiMBC14 HarjunkoskiMBC14 [347]	Scope for industrial applications of production scheduling models and solution methods		real-life, benchmark, real-world	3							1238	1500
KameugneFSN14 KameugneFSN14 [418]	A quadratic edge-finding filtering algorithm for cumulative resource constraints	Gecode	benchmark, random instance	2	y			[417]	CuSP	cumulative	1239	1523
LaborieR14 LaborieR14 [454]	Temporal linear relaxation in IBM ILOG CP Optimizer		real-world, benchmark	0							1240	1536

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NovasH14 NovasH14 [575]	Integrated scheduling of resource-constrained flexible manufacturing systems using constraint programming		benchmark	0							1241	1584
TerekhovTDB14 TerekhovTDB14 [706]	Integrating Queueing Theory and Scheduling for Dynamic Scheduling Problems		real-world	0							1242	1629
ThiruvadyWGS14 ThiruvadyWGS14 [710]	A Lagrangian relaxation and ACO hybrid for resource constrained project scheduling with discounted cash flows		benchmark	0							1243	1630
ArtiguesLH13 ArtiguesLH13 [41]	The energy scheduling problem: Industrial case-study and constraint propagation techniques			0							1244	No
BajestaniB13 BajestaniB13 [52]	Scheduling a Dynamic Aircraft Repair Shop with Limited Repair Resources			0							1245	1418
BegB13 BegB13 [93]	A constraint programming approach for integrated spatial and temporal scheduling for clustered architectures		benchmark	0							1246	1434
HeinzSB13 HeinzSB13 [363]	Using dual presolving reductions to reformulate cumulative constraints	Cplex SCIP	benchmark	1	ref		-	-	RCPSP RCPSP/max	cumulative	1247	1505
KameugneF13 KameugneF13 [416]	A cumulative not-first/not-last filtering algorithm in $O(n \log(n))$			0							1248	No
LombardiMB13 LombardiMB13 [491]	Robust Scheduling of Task Graphs under Execution Time Uncertainty		benchmark, real-world	0							1249	1547
MenciaSV13 MenciaSV13 [526]	Intensified iterative deepening A* with application to job shop scheduling		real-life, supplementary material, benchmark	0							1250	1561
OzturkTHO13 OzturkTHO13 [590]	Balancing and scheduling of flexible mixed model assembly lines	Ilog Solver Ilog Scheduler Cplex	real-world, real-life	2	y		-	-	SBSFMMAL	alldifferent disjunctive	1251	1592
SchuttFSW13 SchuttFSW13 [662]	Solving RCPSP/max by lazy clause generation		supplementary material, benchmark	6							1252	1617
UnsalO13 UnsalO13 [729]	Constraint programming approach to quay crane scheduling problem			0							1253	No
GuyonLPR12 GuyonLPR12 [333]	Solving an integrated job-shop problem with human resource constraints		generated instance, benchmark, instance generator	0							1254	1493
HeinzSSW12 HeinzSSW12 [361]	Solving steel mill slab design problems		real-world, CSPlib	2	Cplex		dead	-	SMSDP	-	1255	1506
LimtanyakulS12 LimtanyakulS12 [475]	Improvements of constraint programming and hybrid methods for scheduling of tests on vehicle prototypes	Cplex Ilog Scheduler	real-life, generated instance, industrial partner, benchmark, random instance	1	dead		-	-			1256	1543
LombardiM12 LombardiM12 [489]	Optimal methods for resource allocation and scheduling: a cross-disciplinary survey	-	real-world, benchmark	0	-		-	-	survey	-	1257	1545
LombardiM12a LombardiM12a [488]	A min-flow algorithm for Minimal Critical Set detection in Resource Constrained Project Scheduling		benchmark	1							1258	1546
MalapertCGJLR12 MalapertCGJLR12 [510]	An Optimal Constraint Programming Approach to the Open-Shop Problem		benchmark	3							1259	1554
MenciaSV12 MenciaSV12 [525]	Depth-first heuristic search for the job shop scheduling problem		real-life, benchmark	1							1260	1560

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NovasH12 NovasH12 [574]	A comprehensive constraint programming approach for the rolling horizon-based scheduling of automated wet-etch stations			0							1261	1583
OzturkTHO12 OzturkTHO12 [588]	A Constraint Programming Model for Balancing and Scheduling of Flexible Mixed Model Assembly Lines with Parallel Stations			0							1262	1591
TerekhovDOB12 TerekhovDOB12 [705]	Solving two-machine assembly scheduling problems with inventory constraints		real-life	2							1263	1628
ZarandiB12 ZarandiB12 [261]	Using Logic-Based Benders Decomposition to Solve the Capacity- and Distance-Constrained Plant Location Problem			0							1264	No
BandaSC11 BandaSC11 [211]	Solving Talent Scheduling with Dynamic Programming		benchmark, CSPLib, random instance	0							1265	1420
BartakS11 BartakS11 [70]	Constraint satisfaction for planning and scheduling problems	-	random instance, real-world, real-life	2	-		-		survey		1266	1425
BeckFW11 BeckFW11 [83]	Combining Constraint Programming and Local Search for Job-Shop Scheduling		benchmark, real-world	0							1267	1430
BeldiceanuCDP11 BeldiceanuCDP11 [98]	New filtering for the <i>cumulative</i> constraint in the context of non-overlapping rectangles		benchmark	1							1268	1436
BeniniLMR11 BeniniLMR11 [111]	Optimal resource allocation and scheduling for the CELL BE platform		real-world, benchmark, instance generator	0							1269	1439
CobanH11 CobanH11 [191]	Single-facility scheduling by logic-based Benders decomposition		random instance	0							1270	1458
EdisO11a EdisO11a [236]	A combined integer/constraint programming approach to a resource-constrained parallel machine scheduling problem with machine eligibility restrictions			0							1271	No
HachemiGR11 HachemiGR11 [334]	A hybrid constraint programming approach to the log-truck scheduling problem			1							1272	1494
HeckmanB11 HeckmanB11 [358]	Understanding the behavior of Solution-Guided Search for job-shop scheduling		real-world, benchmark	0							1273	1503
KelbelH11 KelbelH11 [421]	Solving production scheduling with earliness/tardiness penalties by constraint programming		generated instance, benchmark, random instance	3							1274	1524
KovacsB11 KovacsB11 [436]	A global constraint for total weighted completion time for unary resources	Ilog Scheduler	benchmark	2	n		n	-		Completion	1275	1529
KovacsK11 KovacsK11 [438]	Constraint programming approach to a bilevel scheduling problem	Ilog Solver		2	n		n	-	Bilevel Opt		1276	1530
LiuW11 LiuW11 [479]	Optimizing project selection and scheduling problems with time-dependent resource constraints			0							1277	No
ReddyFIBKAJ11 ReddyFIBKAJ11 [626]	Planning solar array operations on the international space station			0							1278	No
SchausHMCMD11 SchausHMCMD11 [651]	Solving Steel Mill Slab Problems with constraint-based techniques: CP, LNS, and CBLS	Comet	benchmark, CSPLib, generated instance	3	dead				SMSDP		1279	1613
SchuttFSW11 SchuttFSW11 [661]	Explaining the cumulative propagator	MiniZinc	real-world, benchmark	7	PSPLib		-	-	RCPPSP	cumulative	1280	1616
TopalogluO11 TopalogluO11 [715]	A constraint programming-based solution approach for medical resident scheduling problems		real-life	2							1281	1632

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TrojetHL11 TrojetHL11 [727]	Project scheduling under resource constraints: Application of the cumulative global constraint in a decision support framework		real-world	2							1282	1637
ZeballosNH11 ZeballosNH11 [789]	A CP formulation for scheduling multiproduct multistage batch plants			0							1283	No
BartakCS10 BartakCS10 [69]	Discovering implied constraints in precedence graphs with alternatives		real-life, bench- mark, real- world	3							1284	1424
BartakSR10 BartakSR10 [71]	New trends in constraint satisfaction, planning, and scheduling: a survey		real-life, real- world	0							1285	1426
ChenGPSH10 ChenGPSH10 [183]	Technology and system of constraint programming for industry production scheduling — Part I: A brief survey and potential directions		real-life	0							1286	1456
LiuGT10 LiuGT10 [478]	Constraint Propagation for Cumulative Scheduling Problems with Precedences: Constraint Propagation for Cumulative Scheduling Problems with Precedences			0							1287	No
LombardiM10a LombardiM10a [486]	Allocation and scheduling of Conditional Task Graphs		benchmark, real-life, real- world	3							1288	1544
LombardiMRB10 LombardiMRB10 [492]	Stochastic allocation and scheduling for conditional task graphs in multi-processor systems-on-chip		real-world, real- life, benchmark	15							1289	1548
LopesCSM10 LopesCSM10 [493]	A hybrid model for a multiproduct pipeline planning and scheduling problem	Ilog Solver	benchmark, real-world	2	-		-	[546, 545]			1290	1549
NovashH10 NovashH10 [573]	Reactive scheduling framework based on domain knowledge and constraint programming			0							1291	1582
OzturkTHO10 OzturkTHO10 [589]	Simultaneous Balancing and Scheduling of Flexible Mixed Model Assembly Lines with Sequence-Dependent Setup Times			0							1292	1590
Zeballos10 Zeballos10 [785]	A constraint programming approach to tool allocation and production scheduling in flexible manufacturing systems			0							1293	No
ZeballosCM10 ZeballosCM10 [788]	Integrated Constraint Programming Scheduling Approach for Automated Wet-Etch Stations in Semiconductor Manufacturing			0							1294	No
ZeballosQH10 ZeballosQH10 [787]	A constraint programming model for the scheduling of flexible manufacturing systems with machine and tool limitations		real-world, benchmark	4							1295	1653
abs-1009-0347 abs-1009-0347 [660]	Solving the Resource Constrained Project Scheduling Problem with Generalized Precedences by Lazy Clause Generation		benchmark, in- stance generator	0							1296	1660
BidotVLB09 BidotVLB09 [116]	A theoretic and practical framework for scheduling in a stochastic environment		real-world, real- life	0							1297	1441
BocewiczBB09 BocewiczBB09 [123]	Logic-algebraic method based and constraints programming driven approach to AGVs scheduling			0							1298	1445
CarchraeB09 CarchraeB09 [165]	Principles for the Design of Large Neighborhood Search		benchmark, real-world	2							1299	1453
GarridoAO09 GarridoAO09 [282]	A constraint programming formulation for planning: from plan scheduling to plan generation		benchmark	8							1300	1479
Jans09 Jans09 [402]	Solving Lot-Sizing Problems on Parallel Identical Machines Using Symmetry-Breaking Constraints		benchmark	27							1301	1518

Table 7: Manually Defined ARTICLE Properties

Key	Title (Local Copy)	CP System	Bench	Links	Data Avail	Sol Avail	Code Avail	Related To	Classification	Constraints	a	b
MilanoW09	Integrating Operations Research in Constraint Programming		benchmark	7							1302	1565
MilanoW09 [536]												
OhrimenkoSC09	Propagation via lazy clause generation		benchmark	8							1303	1587
OhrimenkoSC09 [581]												
RuggieroBBMA09	Reducing the Abstraction and Optimality Gaps in the Allocation and Scheduling for Variable Voltage/Frequency MPSoC Platforms		instance generator, real-life	0							1304	1609
RuggieroBBMA09 [644]												
WuBB09 WuBB09 [772]	Scheduling with uncertain durations: Modeling beta-robust scheduling with constraints		real-world	0							1305	1645
abs-0907-0939	The Soft Cumulative Constraint		real-world	0							1306	1659
abs-0907-0939 [605]												
BartakSR08	Constraint satisfaction techniques in planning and scheduling			0							1307	No
BartakSR08 [75]												
ClautiauxJCM08	A new constraint programming approach for the orthogonal packing problem			0							1308	No
ClautiauxJCM08 [188]												
GarridoOS08	Planning and scheduling in an e-learning environment. A constraint-programming-based approach		real-world	0							1309	1480
GarridoOS08 [283]												
HladikCDJ08	Solving a real-time allocation problem with constraint programming			0							1310	No
HladikCDJ08 [374]												
KovacsB08	A global constraint for total weighted completion time for cumulative resources		benchmark	0							1311	1528
KovacsB08 [435]												
LiW08 LiW08 [468]	Scheduling projects with multi-skilled personnel by a hybrid MILP/CP benders decomposition algorithm		real-world	1							1312	1541
LiessM08	A constraint programming approach for the resource-constrained project scheduling problem		benchmark	0							1313	1542
LiessM08 [470]												
MalikMB08	Optimal Basic Block Instruction Scheduling for Multiple-Issue Processors Using Constraint Programming		benchmark	0							1314	1555
MalikMB08 [514]												
MercierH08	Edge Finding for Cumulative Scheduling			0							1315	1563
MercierH08 [530]												
ArtiguesF07	A branch and bound method for the job-shop problem with sequence-dependent setup times		benchmark	0							1316	1414
ArtiguesF07 [38]												
Beck07 Beck07 [79]	Solution-Guided Multi-Point Constructive Search for Job Shop Scheduling		benchmark	0							1317	1427
BeckW07 BeckW07 [91]	Proactive Algorithms for Job Shop Scheduling with Probabilistic Durations		benchmark	0							1318	1432
CorreaLR07	Scheduling and routing of automated guided vehicles: A hybrid approach		real-world	0							1319	1460
CorreaLR07 [196]												
Hooker07	Planning and Scheduling by Logic-Based Benders Decomposition		random instance, generated instance	0							1320	1510
Hooker07 [386]												
MercierH07	Strong polynomiality of resource constraint propagation			0							1321	No
MercierH07 [531]												
Rodriguez07	A constraint programming model for real-time train scheduling at junctions		real-life	2							1322	1605
Rodriguez07 [634]												
Simonis07	Models for Global Constraint Applications	CHIP		0	n		n			cumulative diffn cycle inverse	1323	1622
Simonis07 [680]												
BockmayrP06	Detecting infeasibility and generating cuts for mixed integer programming using constraint programming			0							1324	No
BockmayrP06 [126]												
Gronkvist06	Accelerating column generation for aircraft scheduling using constraint propagation			0							1325	No
Gronkvist06 [325]												

Table 7: Manually Defined ARTICLE Properties

Key	Title (Local Copy)	CP System	Bench	Links	Data Avail	Sol Avail	Code Avail	Related To	Classification	Constraints	a	b
Hooker06 Hooker06 [384]	An Integrated Method for Planning and Scheduling to Minimize Tardiness	OPL Cplex Ilog Scheduler	random instance	2	n		n	[382]	CuSP	cumulative	1326	1509
KhayatLR06 KhayatLR06 [423]	Integrated production and material handling scheduling using mathematical programming and constraint programming		real-life, bench- mark	1							1327	1525
MilanoW06 MilanoW06 [535]	Integrating operations research in constraint programming		benchmark	0							1328	1564
SadykovW06 SadykovW06 [648]	Integer Programming and Constraint Programming in Solving a Multimachine Assignment Scheduling Problem with Deadlines and Release Dates		generated in- stance	1							1329	1611
SureshMOK06 SureshMOK06 [691]	Divisible load scheduling in distributed system with buffer constraints: genetic algorithm and linear programming approach			0							1330	1626
DemasseyAM05 DemasseyAM05 [217]	Constraint-Propagation-Based Cutting Planes: An Application to the Resource-Constrained Project Scheduling Problem		benchmark	2							1331	1463
Hooker05 Hooker05 [381]	A Hybrid Method for the Planning and Scheduling	OPL Cplex Ilog Scheduler	random instance	0	n		n	[380]	CuSP	cumulative	1332	1508
RoePS05 RoePS05 [638]	A hybrid MILP/CLP algorithm for multipurpose batch process scheduling			0							1333	No
VilimBC05 VilimBC05 [747]	Extension of $O(n \log n)$ Filtering Algorithms for the Unary Resource Constraint to Optional Activities		benchmark, real-life	0	n		n	[746]	JSSP	disjunctive	1334	1639
ZeballosH05 ZeballosH05 [786]	A Constraint Programming Approach to FMS Scheduling. Consideration of Storage and Transportation Resources			0							1335	1652
MaraveliasCG04 MaraveliasCG04 [515]	A hybrid MILP/CP decomposition approach for the continuous time scheduling of multipurpose batch plants			0							1336	No
PoderBS04 PoderBS04 [608]	Computing a lower approximation of the compulsory part of a task with varying duration and varying resource consumption			0							1337	1598
BeckR03 BeckR03 [88]	A Hybrid Approach to Scheduling with Earliness and Tardiness Costs		benchmark	0							1338	1431
HookerO03 HookerO03 [390]	Logic-based Benders decomposition		generated in- stance	0							1339	1512
Kuchcinski03 Kuchcinski03 [446]	Constraints-driven scheduling and resource assignment			0							1340	No
KuchcinskiW03 KuchcinskiW03 [447]	Global approach to assignment and scheduling of complex behaviors based on HCDG and constraint programming		benchmark	0							1341	1534
Laborie03 Laborie03 [450]	Algorithms for propagating resource constraints in AI planning and scheduling: Existing approaches and new results		benchmark	0							1342	1535
Tsang03 Tsang03 [728]	Constraint Based Scheduling: Applying Constraint Programming to Scheduling Problems		real-life	0							1343	1638
HarjunkskiG02 HarjunkskiG02 [345]	Decomposition techniques for multistage scheduling problems using mixed-integer and constraint programming methods			0							1344	1499
Hooker02 Hooker02 [379]	Logic, Optimization, and Constraint Programming			0							1345	No

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Key	Title (Local Copy)	CP System	Bench	Links	Data Avail	Sol Avail	Code Avail	Related To	Classification	Constraints	a	b
JussienL02	Local search with constraint propagation and conflict-based heuristics		benchmark,	0							1346	1519
JussienL02 [406]			real-life									
LorigeonBB02	A dynamic programming algorithm for scheduling jobs in a two-machine open shop with an availability constraint			0							1347	1551
LorigeonBB02 [495]												
MilanoORT02	The Role of Integer Programming Techniques in Constraint Programming's Global Constraints			0							1348	No
MilanoORT02 [534]												
RodriguezDG02	Railway infrastructure saturation using constraint programming approach			0							1349	1606
RodriguezDG02 [636]												
Timpe02 Timpe02 [713]	Solving planning and scheduling problems with combined integer and constraint programming			0							1350	1631
BosiM2001	Enhancing CLP branch and bound techniques for scheduling problems			0							1351	No
BosiM2001 [142]												
JainG01 JainG01 [401]	Algorithms for Hybrid MILP/CP Models for a Class of Optimization Problems			0							1352	1516
MartinPY01	Cane Railway Scheduling via Constraint Logic Programming: Labelling Order and Constraints in a Real-Life Application		real-life	0							1353	1557
MartinPY01 [519]												
Mason01 Mason01 [521]	Elastic Constraint Branching, the Wedelin/Carmen Lagrangian Heuristic and Integer Programming for Personnel Scheduling			0							1354	1558
ArtiguesR00	A polynomial activity insertion algorithm in a multi-resource schedule with cumulative constraints and multiple modes			0							1355	1415
ArtiguesR00 [42]												
BaptisteP00	Constraint Propagation and Decomposition Techniques for Highly Disjunctive and Highly Cumulative Project Scheduling Problems	CLAIRE	benchmark	0	n		n		RCCSP	cumulative	1356	1422
BaptisteP00 [62]												
BeckF00 BeckF00 [86]	Dynamic problem structure analysis as a basis for constraint-directed scheduling heuristics		real-world, benchmark	0							1357	1428
BeckF00a BeckF00a [85]	Constraint-directed techniques for scheduling alternative activities			0							1358	No
BruckerK00	A linear programming and constraint propagation-based lower bound for the RCPSP			0							1359	No
BruckerK00 [153]												
Dorndorf2000	Constraint propagation techniques for the disjunctive scheduling problem			0							1360	No
Dorndorf2000 [231]												
HarjunoskiJG00	Hybrid mixed-integer/constraint logic programming strategies for solving scheduling and combinatorial optimization problems			0							1361	No
HarjunoskiJG00 [346]												
HeipckeCCS00	Scheduling under Labour Resource Constraints	COME	benchmark, in-	0	dead		n	-			1362	1507
HeipckeCCS00 [366]		SchedEns	stance generator									
HookerOTK00	A scheme for unifying optimization and constraint satisfaction methods			0							1363	No
HookerOTK00 [377]												
KorbaaYG00	Solving Transient Scheduling Problems with Constraint Programming			0							1364	1527
KorbaaYG00 [432]												
LopezAKYG00	Discussion on: 'Solving Transient Scheduling Problems with Constraint Programming' by O. Korbaa, P. Yim, and J.-C. Gentina			0							1365	1550
LopezAKYG00 [494]												
SakkoutW00	Probe Backtrack Search for Minimal Perturbation in Dynamic Scheduling	Cplex	benchmark,	0	n		n	-	KRFP		1366	1612
SakkoutW00 [649]		ECLiPSe	real-world									
SchildW00	Scheduling of Time-Triggered Real-Time Systems	OZ		0	n		n	-		disjunctive	1367	1614
SchildW00 [652]												
SimonisCK00	Constraint Handling in an Integrated Transportation Problem			0							1368	1623
SimonisCK00 [681]												
SourdN00	Multiple-Machine Lower Bounds for Shop-Scheduling Problems		real-life, bench-	1							1369	1624
SourdN00 [685]			mark									

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TorresL00 TorresL00 [716]	On Not-First/Not-Last conditions in disjunctive scheduling		benchmark	0							1370	1633
BaptistePN99 BaptistePN99 [60]	Satisfiability tests and time-bound adjustments for cumulative scheduling problems		benchmark, real-life	0							1371	1423
BensanaLV99 BensanaLV99 [113]	Earth Observation Satellite Management	Ilog Solver	benchmark	0	?		-	-			1372	1440
HookerO99 HookerO99 [376]	Mixed logical-linear programming			0							1373	No
JainM99 JainM99 [400]	Deterministic job-shop scheduling: Past, present and future		benchmark, real-world, real-life	0							1374	1517
PesantGPR99 PesantGPR99 [602]	On the flexibility of constraint programming models: From single to multiple time windows for the traveling salesman problem			0							1375	No
RodosekWH99 RodosekWH99 [633]	A new approach to integrating mixed integer programming and constraint logic programming			0							1376	No
BeckDDF98 BeckDDF98 [81]	The ODO project: toward a unified basis for constraint-directed scheduling			0							1377	No
BeckF98 BeckF98 [84]	A Generic Framework for Constraint-Directed Search and Scheduling		real-world, benchmark	0							1378	1429
BelhadjiI98 BelhadjiI98 [102]	Temporal Constraint Satisfaction Techniques in Job Shop Scheduling Problem Solving	-	real-life	0	n		n	-	TCSP JSSP		1379	1437
BockmayrK98 BockmayrK98 [125]	Branch and Infer: A Unifying Framework for Integer and Finite Domain Constraint Programming			0							1380	No
DarbyDowmanL98 DarbyDowmanL98 [202]	Properties of Some Combinatorial Optimization Problems and Their Effect on the Performance of Integer Programming and Constraint Logic Programming			0							1381	No
NuijtenP98 NuijtenP98 [578]	Constraint-Based Job Shop Scheduling with \sc Ilog Scheduler		real-life	0							1382	1586
PapaB98 PapaB98 [595]	Resource Constraints for Preemptive Job-shop Scheduling	Ilog Solver Claire	benchmark	0	dead		-	-	PJSSP	disjunctive flow	1383	1595
Darby-DowmanLMZ97 Darby-DowmanLMZ97 [203]	Constraint Logic Programming and Integer Programming Approaches and Their Collaboration in Solving an Assignment Scheduling Problem	Cplex ECLiPSe	real-life, real-world, bench- mark	0	n		n	-	MGAP		1384	1462
FalaschiGMP97 FalaschiGMP97 [256]	Constraint Logic Programming with Dynamic Scheduling: A Semantics Based on Closure Operators			0							1385	1472
LammaMM97 LammaMM97 [459]	A distributed constraint-based scheduler		real-life	0							1386	1539
Zhou97 Zhou97 [796]	A Permutation-Based Approach for Solving the Job-Shop Problem	-	benchmark	0	n		n	[795]	JSSP	sort alldifferent permutation	1387	1656
BlazewiczDP96 BlazewiczDP96 [157]	The job shop scheduling problem: Conventional and new solution techniques		benchmark	0							1388	1442
NuijtenA96 NuijtenA96 [577]	A computational study of constraint satisfaction for multiple capacitated job shop scheduling			0							1389	1585
PeschT96 PeschT96 [604]	Constraint Propagation Based Scheduling of Job Shops			0							1390	No
SadehF96 SadehF96 [646]	Variable and value ordering heuristics for the job shop scheduling constraint satisfaction problem			0							1391	No
SmithBHW96 SmithBHW96 [684]	The progressive party problem: Integer linear programming and constraint programming compared			0							1392	No

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Key	Title (Local Copy)	CP System	Bench	Links	Data Avail	Sol Avail	Code Avail	Related To	Classification	Constraints	a	b
Wallace96 Wallace96 [752]	Practical Applications of Constraint Programming	-		0	-		-	-	Survey	-	1393	1641
WeilHFP95 WeilHFP95 [760]	Constraint programming for nurse scheduling			0							1394	No
BeldiceanuC94 BeldiceanuC94 [100]	Introducing Global Constraints in CHIP		real-world, real-life, benchmark	0							1395	1435
Pape94 Pape94 [593]	Implementation of resource constraints in ILOG SCHEDULE: a library for the development of constraint-based scheduling systems			0							1396	1596
AggounB93 AggounB93 [11]	Extending CHIP in order to solve complex scheduling and placement problems		real-world	0							1397	1409
MintonJPL92 MintonJPL92 [537]	Minimizing conflicts: a heuristic repair method for constraint satisfaction and scheduling problems			0							1398	No
Tay92 Tay92 [703]	COPS: A Constraint Programming Approach to Resource-Limited Project Scheduling			0							1399	No
DincbasSH90 DincbasSH90 [226]	Solving Large Combinatorial Problems in Logic Programming		real-life	0							1400	1464
Davis87 Davis87 [206]	Constraint propagation with interval labels			0							1401	No

4 Authors

Table 8: Co-Authors of Articles/Papers

Author	Nr Works	Nr Cites	Entries
J. Christopher Beck	53	809	LuoB22 [503], ZhangBB22 [791], TangB20 [698], RoshanaeiBAUB20 [639], TranPZLDB18 [722], TranVNB17 [724], TranVNB17a [725], CohenHB17 [192], BoothNB16 [139], KuB16 [445], TranAB16 [719], TranWDRFOVB16 [726], LuoVLBM16 [502], TranDRFWOVB16 [721], BoothTNB16 [140], BajestaniB15 [53], KoschB14 [433], TerekhovTDB14 [706], LouieVNB14 [496], HeinzSB13 [363], HeinzKB13 [360], BajestaniB13 [52], TranTDB13 [723], HeinzB12 [359], TerekhovDOB12 [705], TranB12 [720], ZarandiB12 [261], KovacsB11 [436], BeckFW11 [83], HeckmanB11 [358], BajestaniB11 [51], Beck10 [80], WuBB09 [772], BidotVLB09 [116], CarchraeB09 [165], WatsonB08 [759], KovacsB08 [435], BeckW07 [91], Beck07 [79], KovacsB07 [434], Beck06 [78], CarchraeBF05 [166], WuBB05 [771], BeckW05 [90], BeckW04 [89], BeckR03 [88], BeckPS03 [87], BeckF00 [86], BeckF00a [85], Beck99 [77], BeckF98 [84], BeckDDF98 [81], BeckDF97 [82]
Michela Milano	34	341	BorghesiBLMB18 [141], BonfiettiZLM16 [137], BridiBLMB16 [150], BridiLBBM16 [151], LombardiBM15 [483], BartoliniBBLM14 [73], BonfiettiLBM14 [135], BonfiettiLBM14 [133], BonfiettiLM13 [134], LombardiM13 [490], LombardiMB13 [491], LombardiM12 [489], BonfiettiLBM12 [132], LombardiM12a [488], BonfiettiM12 [136], BonfiettiLBM11 [131], LombardiBMB11 [484], BeniniLMR11 [111], Milano11 [533], LombardiM10 [487], LombardiM10a [486], LombardiMRB10 [492], LombardiM09 [485], RuggieroBBMA09 [644], MilanoW09 [536], BeniniLMR08 [110], BeniniLMMR08 [109], BeniniBGM06 [108], MilanoW06 [535], BeniniBGM05 [107], MilanoORT02 [534], BosiM2001 [142], LammaMM97 [459], BrusoniCLMMT96 [154]
Michele Lombardi	27	222	BorghesiBLMB18 [141], CauwelaertLS18 [178], BonfiettiZLM16 [137], BridiBLMB16 [150], BridiLBBM16 [151], LombardiBM15 [483], CauwelaertLS15 [177], BartoliniBBLM14 [73], BonfiettiLBM14 [135], BonfiettiLBM14 [133], BonfiettiLM13 [134], LombardiM13 [490], LombardiMB13 [491], LombardiM12 [489], BonfiettiLBM12 [132], LombardiM12a [488], BonfiettiLBM11 [131], LombardiBMB11 [484], BeniniLMR11 [111], LombardiM10 [487], LombardiM10a [486], Lombardi10 [482], LombardiMRB10 [492], LombardiM09 [485], BeniniLMR08 [109], HoeveGSL07 [736]
Andreas Schutt	27	322	YangSS19 [773], KreterSSZ18 [444], GoldwaserS18 [310], MusliuSS18 [551], KreterSS17 [443], YoungFS17 [775], GoldwaserS17 [309], SchuttS16 [664], SzerediS16 [693], KreterSS15 [442], EvenSH15 [250], EvenSH15a [251], SchuttFSW15 [663], ThiruvadyWGS14 [710], GuSSWC14 [328], SchuttFS13 [658], SchuttFS13a [657], GuSS13 [327], SchuttFSW13 [662], ChuGNSW13 [184], SchuttCSW12 [656], SchuttFSW11 [661], Schutt11 [655], SchuttW10 [665], abs-1009-0347 [660], SchuttFSW09 [659], SchuttWS05 [666]
Peter J. Stuckey	25	460	GokGSTO20 [306], YangSS19 [773], DemirovicS18 [218], KreterSSZ18 [444], MusliuSS18 [551], KreterSS17 [443], SchuttS16 [664], BlomPS16 [122], KreterSS15 [442], BurtLPS15 [156], SchuttFSW15 [663], BlomBPS14 [121], LipovetzkyBPS14 [476], GuSSWC14 [328], SchuttFS13 [658], SchuttFS13a [657], GuSS13 [327], SchuttFSW13 [662], SchuttCSW12 [656], GuSW12 [329], SchuttFSW11 [661], BandaSC11 [211], abs-1009-0347 [660], SchuttFSW09 [659], OhrimenkoSC09 [581]
John N. Hooker	22	1428	ElciOH22 [239], Hooker19 [389], Hooker17 [388], HookerH17 [391], HechingH16 [357], CireCH16 [187], HarjunkskoskiMBC14 [347], CireCH13 [186], CobanH11 [191], CobanH10 [190], Hooker10 [387], Hooker07 [386], Hooker06 [384], Hooker06a [385], Hooker05 [381], Hooker05a [382], Hooker05b [383], Hooker04 [380], HookerO03 [390], HookerY02 [392], Hooker02 [379], Hooker00 [378]
Mark G. Wallace	21	511	WallaceY20 [754], He0GLW18 [352], SchuttFSW15 [663], ThiruvadyWGS14 [710], GuSSWC14 [328], SchuttFSW13 [662], SchuttCSW12 [656], GuSW12 [329], SchuttFSW11 [661], abs-1009-0347 [660], SchuttFSW09 [659], MilanoW09 [536], MilanoW06 [535], Wallace06 [753], AjiliW04 [15], EreminW01 [245], SakkoutW00 [649], RodosekWH99 [633], RodosekW98 [632], Wallace96 [752], Wallace94 [751]
Pierre Lopez	21	178	JuvinHHL23 [407], JuvinHL23a [410], JuvinHL23 [409], HebrardALLCMR22 [353], JuvinHL22 [408], Polo-MejiaALB20 [610], NattafHKAL19 [564], NattafAL17 [561], NattafALR16 [562], SimoninAHL15 [676], NattafAL15 [560], ArtiguesL14 [40], ArtiguesLH13 [41], SimoninAHL12 [675], BillautHL12 [117], LahimerLH11 [457], TrojetHL11 [727], BriandHHL08 [149], EsquirolLH2008 [248], LopezAKYG00 [494], TorresL00 [716]
Christian Artigues	19	339	PovedaAA23 [613], PohlAK22 [609], HebrardALLCMR22 [353], ArtiguesHQT21 [39], Polo-MejiaALB20 [610], NattafHKAL19 [564], NattafAL17 [561], NattafALR16 [562], SimoninAHL15 [676], NattafAL15 [560], SialaAH15 [674], ArtiguesL14 [40], ArtiguesLH13 [41], SimoninAHL12 [675], ArtiguesF07 [38], NeronABCDD06 [579], DemaseyAM05 [217], ArtiguesBF04 [36], ArtiguesR00 [42]
Emmanuel Hebrard	17	71	JuvinHHL23 [407], HebrardALLCMR22 [353], AntuoriHHEN21 [26], ArtiguesHQT21 [39], GodetLHS20 [304], AntuoriHHEN20 [25], Hebrard-HJMPV16 [354], SimoninAHL15 [676], SialaAH15 [674], GrimesH15 [319], BessiereHMQW14 [115], SimoninAHL12 [675], BillautHL12 [117], GrimesH11 [318], GrimesH10 [317], GrimesHM09 [320], HebrardTW05 [355]
Pierre Schaus	16	91	CauwelaertDS20 [179], ThomasKS20 [711], HoundjiSW19 [393], CappartTSR18 [164], CauwelaertLS18 [178], CappartS17 [163], Cauwelaert-DMS16 [176], DejemeppeCS15 [214], GayHLS15 [284], GayHS15 [285], GayHS15a [286], CauwelaertLS15 [177], HoundjiSWD14 [394], GaySS14 [287], SchausHMCMD11 [651], SchausD08 [650]
Helmut Simonis	16	154	ArmstrongGOS22 [33], ArmstrongGOS21 [32], AntunesABD20 [24], AntunesABD18 [23], HurleyOS16 [396], GrimesIOS14 [321], IfrimOS12 [397], SimonisH11 [683], Simonis07 [680], SimonisCK00 [681], Simonis99 [679], SimonisC95 [682], Simonis95 [678], Simonis95a [677], DincbasS91 [225], DincbasSH90 [226]
Nicolas Beldiceanu	15	475	Madi-WambaLOBM17 [507], Madi-WambaB16 [506], LetortCB15 [467], LetortCB13 [466], LetortBC12 [465], ClercqPBJ11 [189], BeldiceanuCDP11 [98], BeldiceanuCP08 [99], PoderB08 [607], BeldiceanuP07 [101], PoderBS04 [608], BeldiceanuC02 [97], BeldiceanuC01 [96], BeldiceanuC94 [100], AggounB93 [11]

Table 8: Co-Authors of Articles/Papers

Author	Nr Works	Nr Cites	Entries
Luca Benini	15	183	BorghesiBLMB18 [141], BridiBLMB16 [150], BridiLBBM16 [151], BonfiettiLBM14 [133], LombardiMB13 [491], BonfiettiLBM12 [132], BonfiettiLBM11 [131], LombardiBMB11 [484], BeniniLMR11 [111], LombardiMRB10 [492], RuggieroBBMA09 [644], BeniniLMR08 [110], BeniniLMMR08 [109], BeniniBGM06 [108], BeniniBGM05 [107]
Philippe Laborie	13	530	LunardiBLRV20 [500], LaborieRSV18 [453], Laborie18a [452], MelgarejoLS15 [14], VilimLS15 [748], LaborieR14 [454], Laborie09 [451], BidotVLB09 [116], BaptisteLPN06 [59], NeronABCDD06 [579], GodardLN05 [302], Laborie03 [450], FocacciLN00 [264]
Philippe Baptiste	12	475	BaptisteB18 [58], Baptiste09 [57], BaptisteLPN06 [59], NeronABCDD06 [579], ArtiouchineB05 [43], Baptiste02 [56], BaptistePN01 [63], BaptisteP00 [62], BaptistePN99 [60], PapaB98 [595], BaptisteP97 [61], PapeB97 [594]
Roman Barták	11	88	SvancaraB22 [692], JelinekB16 [403], BartakV15 [72], Bartak14 [68], BartakS11 [70], BartakCS10 [69], BartakSR10 [71], VilimBC05 [747], VilimBC04 [746], Bartak02 [67], Bartak02a [66]
Tony T. Tran	11	141	TranPZLDB18 [722], TranVNB17 [724], TranVNB17a [725], TranAB16 [719], TranWDRFOVB16 [726], TranDRFWOV16 [721], FrankDT16 [271], BoothTNB16 [140], TerekhovTDB14 [706], TranTDB13 [723], TranB12 [720]
Pascal Van Hentenryck	11	178	FontaineMH16 [266], EvenSH15 [250], EvenSH15a [251], SchausHMCMD11 [651], MonetteDH09 [541], DoomsH08 [228], HentenryckM08 [369], MercierH08 [530], MercierH07 [531], HentenryckM04 [368], DincbasSH90 [226]
Petr Vilím	11	313	LaborieRSV18 [453], VilimLS15 [748], Vilim11 [745], Vilim09 [743], Vilim09a [744], VilimBC05 [747], Vilim05 [742], VilimBC04 [746], Vilim04 [741], Vilim03 [740], Vilim02 [739]
Alessio Bonfietti	10	18	BonfiettiZLM16 [137], Bonfietti16 [130], LombardiBM15 [483], BonfiettiLM14 [135], BonfiettiLBM14 [133], BonfiettiLM13 [134], BonfiettiLBM12 [132], BonfiettiM12 [136], BonfiettiLBM11 [131], LombardiBMB11 [484]
Mats Carlsson	10	135	WessenCS20 [761], MossigeGSMC17 [544], LetortCB15 [467], LetortCB13 [466], LetortBC12 [465], LozanoCDS12 [497], BeldiceanuCDP11 [98], BeldiceanuCP08 [99], BeldiceanuC02 [97], BeldiceanuC01 [96]
Claude Le Pape	10	608	BaptisteLPN06 [59], DannaP04 [200], BaptistePN01 [63], BaptisteP00 [62], BaptistePN99 [60], PapaB98 [595], NuijtenP98 [578], BaptisteP97 [61], PapeB97 [594], Pape94 [593]
Margaux Nattaf	10	49	BonninMNE24 [138], PenzDN23 [598], NattafM20 [565], MalapertN19 [512], NattafDYW19 [563], NattafHKAL19 [564], NattafAL17 [561], Nattaf16 [559], NattafALR16 [562], NattafAL15 [560]
Louis-Martin Rousseau	10	232	CappartTSR18 [164], DoulabiRP16 [233], PesantRR15 [603], DoulabiRP14 [232], MalapertCGJLR13 [511], MalapertCGJLR12 [510], ChapadosJR11 [182], HachemiGR11 [334], CastroGR10 [174], CorreaLR07 [196]
Narendra Jussien	9	199	MalapertCGJLR13 [511], MalapertCGJLR12 [510], ClercqPBJ11 [189], HladikCDJ08 [374], CambazardJ05 [161], CambazardHDJT04 [160], ElkhyariGJ02 [241], ElkhyariGJ02a [242], JussienL02 [406]
Nysret Musliu	9	14	LacknerMMWW23 [456], WinterMMW22 [763], LacknerMMWW21 [455], GeibingerKKMMW21 [290], GeibingerMM21 [293], GeibingerMM19 [292], abs-1911-04766 [291], MusliuSS18 [551], KletzanderM17 [427]
Wim Nuijten	9	512	BaptisteLPN06 [59], GodardLN05 [302], BaptistePN01 [63], SourdN00 [685], FocacciLN00 [264], BaptistePN99 [60], NuijtenP98 [578], NuijtenA96 [577], NuijtenA94 [576]
Claude-Guy Quimper	9	25	BoudreaultSLQ22 [144], OuelletQ22 [586], Mercier-AubinGQ20 [532], FahimiOQ18 [254], KameugneFGOQ18 [414], OuelletQ18 [585], GinguasQ16 [301], BessiereHMqw14 [115], OuelletQ13 [584]
Armin Wolf	9	51	GeitzGSSW22 [294], Wolf11 [766], SchuttW10 [665], Wolf09 [769], WolfS05 [768], WolfS05a [767], SchuttWS05 [666], Wolf05 [765], Wolf03 [764]
Cemalettin Öztürk	9	76	GokPTGO23 [307], OrnekOS20 [583], AntunesABD20 [24], GokGSTO20 [306], AntunesABD18 [23], OrnekO16 [582], OzturkTHO15 [591], OzturkTHO13 [590], OzturkTHO10 [589]
Thibaut Feydy	8	173	YoungFS17 [775], SchuttFSW15 [663], SchuttFS13 [658], SchuttFS13a [657], SchuttFSW13 [662], SchuttFSW11 [661], abs-1009-0347 [660], SchuttFSW09 [659]
Roger Kameugne	8	20	KameugneFND23 [415], ThomasKS20 [711], KameugneFGOQ18 [414], Kameugne15 [413], KameugneFSN14 [418], Kameugne14 [412], KameugneF13 [416], KameugneFSN11 [417]
Bahman Naderi	8	51	NaderiRR23 [558], NaderiBZ23 [555], NaderiBZR23 [553], NaderiBZ22 [554], NaderiBZ22a [552], NaderiR22 [556], NaderiRBAU21 [557], RoshanaeiN21 [642]
Gabriela P. Henning	8	179	NovaraNH16 [571], NovasH14 [575], NovasH12 [574], ZeballosNH11 [789], NovasH10 [573], ZeballosQH10 [787], ZeballosH05 [786], QuirogaZH05 [623]
Erwin Pesch	8	486	MullerMKP22 [547], BlazewiczEP19 [119], DomdorPH03 [227], Dorndorf2000 [231], DorndorfPH99 [230], DorndorfHPP99 [229], BlazewiczDP96 [157], PeschT96 [604]
Vahid Roshanaei	8	187	NaderiRR23 [558], NaderiBZR23 [553], NaderiR22 [556], NaderiRBAU21 [557], RoshanaeiN21 [642], RoshanaeiBAUB20 [639], RoshanaeiLAU17 [640], RoshanaeiLAU17a [641]
Mark S. Fox	8	179	BeckF00 [86], BeckF00a [85], BeckF98 [84], BeckDDF98 [81], BeckDF97 [82], SadehF96 [646], FoxS90 [270], FoxAS82 [269]
Diarmuid Grimes	7	52	AntunesABD20 [24], AntunesABD18 [23], GrimesH15 [319], GrimesIOS14 [321], GrimesH11 [318], GrimesH10 [317], GrimesHM09 [320]
Zdenek Hanzálek	7	27	Mehdizadeh-Somarin23 [522], abs-2305-19888 [365], HeinzNVH22 [364], VlkHT21 [750], BenediktMH20 [105], BenediktSMVH18 [106], KelbelH11 [421]
András Kovács	7	21	KovacsB11 [436], KovacsK11 [438], KovacsB08 [435], KovacsB07 [434], KovacsV06 [440], KovacsEKV05 [437], KovacsV04 [439]
Arnaud Malapert	7	39	BonninMNE24 [138], NattafM20 [565], MalapertN19 [512], MalapertCGJLR13 [511], MalapertCGJLR12 [510], Malapert11 [509], GrimesHM09 [320]
Barry O'Sullivan	7	14	ArmstrongGOS22 [33], ArmstrongGOS21 [32], AntunesABD20 [24], AntunesABD18 [23], HurleyOS16 [396], GrimesIOS14 [321], IfrimOS12 [397]
Hadrien Cambazard	6	98	CatusseCBL16 [175], MalapertCGJLR13 [511], MalapertCGJLR12 [510], HladikCDJ08 [374], CambazardJ05 [161], CambazardHDJT04 [160]

Table 8: Co-Authors of Articles/Papers

Author	Nr Works	Nr Cites	Entries
Yves Deville	6	28	HoundjiSWD14 [394], DejemeppeD14 [215], SchausHMCMD11 [651], MonetteDH09 [541], SchausD08 [650], MonetteDD07 [540]
Ignacio E. Grossmann	6	960	HarjunkoskiMBC14 [347], CastroGR10 [174], MaraveliasG04 [516], MaraveliasCG04 [515], HarjunkoskiG02 [345], JainG01 [401]
Jeremy Frank	6	14	TranWDRFOVB16 [726], TranDRFWOVB16 [721], FrankDT16 [271], ReddyFIBKAJ11 [626], FrankK05 [273], FrankK03 [272]
Andy Ham	6	90	HamPK21 [340], HamP21 [339], Ham20 [337], Ham20a [336], Ham18a [335], HamFC17 [338]
Stefan Heinz	6	67	HeinzSB13 [363], HeinzKB13 [360], HeinzSSW12 [361], HeinzB12 [359], HeinzS11 [362], BertholdHLSM10 [114]
Brahim Hnich	6	115	GokgurHO18 [308], OzturkTHO15 [591], OzturkTHO13 [590], OzturkTHO12 [588], OzturkTHO10 [589], RossiTHP07 [643]
Juan M. Novas	6	174	Novas19 [572], NovaraNH16 [571], NovasH14 [575], NovasH12 [574], ZeballosNH11 [789], NovasH10 [573]
Gilles Pesant	6	115	AalianPG23 [1], DoulabiRP16 [233], PesantRR15 [603], DoulabiRP14 [232], BourdaisGP03 [145], PesantGPR99 [602]
Emmanuel Poder	6	27	BeldiceanuCDP11 [98], abs-0907-0939 [605], BeldiceanuCP08 [99], PoderB08 [607], BeldiceanuP07 [101], PoderBS04 [608]
Arslan Örneke	6	78	OrnekOS20 [583], OrnekO16 [582], OzturkTHO15 [591], OzturkTHO13 [590], OzturkTHO12 [588], OzturkTHO10 [589]
André A. Ciré	5	65	CireCH16 [187], CireCH13 [186], LopesCSM10 [493], MouraSCL08 [546], MouraSCL08a [545]
Mehmet A. Begen	5	29	NaderiBZ23 [555], NaderiBZR23 [553], NaderiBZ22 [554], NaderiBZ22a [552], NaderiRBAU21 [557]
Cyrille Dejemeppe	5	8	CauwelaertDS20 [179], CauwelaertDMS16 [176], Dejemeppe16 [213], DejemeppeCS15 [214], DejemeppeD14 [215]
Sophie Demasse	5	82	HermenierDL11 [370], BeldiceanuCDP11 [98], NeronABCDD06 [579], DemasseAM05 [217], Demasse03 [216]
Hanyu Gu	5	39	EtmianiesfahaniGNMS22 [249], ThiruvadyWGS14 [710], GuSSWC14 [328], GuSS13 [327], GuSW12 [329]
Kenneth N. Brown	5	44	AntunesABD20 [24], AntunesABD18 [23], MurphyMB15 [549], WuBB09 [772], WuBB05 [771]
Goldie Nejat	5	77	TranVNB17 [724], TranVNB17a [725], BoothNB16 [139], BoothTNB16 [140], LouieVNB14 [496]
Joaquin Rodriguez	5	118	MarliereSPR23 [517], RodriguezS09 [637], Rodriguez07 [634], Rodriguez07b [635], RodriguezDG02 [636]
Martino Ruggiero	5	70	BeniniLMR11 [111], LombardiMRB10 [492], RuggieroBBMA09 [644], BeniniLMR08 [110], BeniniLMMR08 [109]
Mohamed Siala	5	9	AntunesABD20 [24], AntunesABD18 [23], Siala15 [672], SialaAH15 [674], Siala15a [673]
Marek Vlk	5	14	abs-2305-19888 [365], HeinzNVH22 [364], VlkHT21 [750], BenediktSMVH18 [106], BartakV15 [72]
Nic Wilson	5	28	AntunesABD20 [24], AntunesABD18 [23], BeckW07 [91], BeckW05 [90], BeckW04 [89]
Miguel A. Salido	4	99	BartakS11 [70], BartakSR10 [71], BartakSR08 [75], AbrilSB05 [4]
Andrea Bartolini	4	40	BorghesiBLMB18 [141], BridiBLMB16 [150], BridiLBBM16 [151], BartoliniBBLM14 [73]
Geoffrey Chu	4	47	GuSSWC14 [328], ChuGNSW13 [184], SchuttCSW12 [656], BandaSC11 [211]
Elvin Coban	4	41	CireCH16 [187], CireCH13 [186], CobanH11 [191], CobanH10 [190]
Giacomo Da Col	4	24	ColT22 [199], abs-2102-08778 [193], ColT19 [194], ColT2019a [198]
Steven Gay	4	42	GayHLS15 [284], GayHS15 [285], GayHS15a [286], GaySS14 [287]
Tobias Geibinger	4	6	GeibingerKKMMW21 [290], GeibingerMM21 [293], GeibingerMM19 [292], abs-1911-04766 [291]
Christelle Guéret	4	33	MalapertCGJLR13 [511], MalapertCGJLR12 [510], ElkhyariGJ02 [241], ElkhyariGJ02a [242]
Laurent Houssin	4	0	JuvinHHL23 [407], JuvinHL23a [410], JuvinHL23 [409], JuvinHL22 [408]
Andrew J. Davenport	4	22	Davenport10 [204], DavenportKRSH07 [205], BeckDDF98 [81], BeckDF97 [82]
Carla Juvin	4	0	JuvinHHL23 [407], JuvinHL23a [410], JuvinHL23 [409], JuvinHL22 [408]
Tamás Kis	4	11	NattafHKAL19 [564], KovacsK11 [438], KeriK07 [422], KovacsEKV05 [437]
Krzysztof Kuchcinski	4	129	WolinskiKG04 [770], KuchcinskiW03 [447], Kuchcinski03 [446], GruianK98 [326]
André Langevin	4	213	MalapertCGJLR13 [511], MalapertCGJLR12 [510], CorreaLR07 [196], KhayatLR06 [423]
Arnaud Letort	4	23	LetortCB15 [467], LetortCB13 [466], Letort13 [464], LetortBC12 [465]
Dionne M. Aleman	4	161	NaderiRBAU21 [557], RoshanaeiBAUB20 [639], RoshanaeiLAU17 [640], RoshanaeiLAU17a [641]
Laurent Michel	4	39	TardivoDFMP23 [700], SchausHMCMD11 [651], HentenryckM08 [369], HentenryckM04 [368]
Florian Mischek	4	6	GeibingerKKMMW21 [290], GeibingerMM21 [293], GeibingerMM19 [292], abs-1911-04766 [291]
Jean-Noël Monette	4	24	CauwelaertDMS16 [176], SchausHMCMD11 [651], MonetteDH09 [541], MonetteDD07 [540]
Yanick Ouellet	4	10	OuelletQ22 [586], FahimiOQ18 [254], KameugneFGOQ18 [414], OuelletQ18 [585]
Thierry Petit	4	20	DerrienP14 [220], DerrienPZ14 [221], ClercqPB11 [189], abs-0907-0939 [605]
Cédric Pralet	4	10	SquillaciPR23 [686], Pralet17 [614], HebrardHJMPV16 [354], PraletLJ15 [615]
Adrian R. Pearce	4	40	BlomPS16 [122], BurtLPS15 [156], BlomBPS14 [121], LipovetzkyBPS14 [476]
Dhananjay R. Thiruvady	4	32	abs-2402-00459 [567], abs-2211-14492 [689], ThiruvadyWGS14 [710], ThiruvadyBME09 [709]
Philippe Refalo	4	95	GarganiR07 [281], BeckR03 [88], MilanoORT02 [534], Refalo00 [627]
Christine Solnon	4	20	GroleazNS20 [324], GroleazNS20a [323], SacramentoSP20 [645], MelgarejoLS15 [14]
Christos T. Maravelias	4	512	Adelgren2023 [9], HarjunkoskiMBC14 [347], MaraveliasG04 [516], MaraveliasCG04 [515]
Reza Tavakkoli-Moghaddam	4	32	Mehdizadeh-Somarin23 [522], Fatemi-AnarakiTFV23 [260], GhasemiMH23 [299], MokhtarzadehTNF20 [539]
Daria Terekhov	4	23	TanT18 [695], TerekhovTDB14 [706], TranTDB13 [723], TerekhovDOB12 [705]
Sascha Van Cauwelaert	4	20	CauwelaertLS18 [178], CauwelaertDMS16 [176], DejemeppeCS15 [214], CauwelaertLS15 [177]
József Vancza	4	9	KovacsV06 [440], KovacsEKV05 [437], KovacsV04 [439], VanczaM01 [737]
Toby Walsh	4	2	GelainPRVW17 [295], BessiereHMQW14 [115], ChuGNSW13 [184], HebrardTW05 [355]
Felix Winter	4	0	LacknerMMW23 [456], WinterMMW22 [763], LacknerMMW21 [455], GeibingerKKMMW21 [290]

Table 8: Co-Authors of Articles/Papers

Author	Nr Works	Nr Cites	Entries
Francisco Yuraszeck	4	31	YuraszeckMCCR23 [780], YuraszeckMC23 [778], YuraszeckMPV22 [779], MejiaY20 [523]
Willem-Jan van Hoeve	4	50	GilesH16 [300], GoelSHFS15 [305], HoeveGSL07 [736], GomesHS06 [313]
Max Åstrand	4	27	Åstrand0F21 [45], Åstrand21 [44], ÅstrandJZ20 [47], ÅstrandJZ18 [46]
Laurence A. Wolsey	3	50	HoundjiSW19 [393], HoundjiSWD14 [394], SadykovW06 [648]
Bruno A. Prata	3	1	PrataAN23 [616], AbreuNP23 [209], AbreuPNF23 [3]
Abderrahmane Aggoun	3	194	AggounMV08 [12], AggounV04 [13], AggounB93 [11]
Maliheh Aramon Bajestani	3	33	BajestaniB15 [53], BajestaniB13 [52], BajestaniB11 [51]
Emrah B. Edis	3	61	Edis21 [234], EdisO11 [235], EdisO11a [236]
Davide Bertozzi	3	52	RuggieroBBMA09 [644], BeniniBGM06 [108], BeniniBGM05 [107]
S��verine Betmbe Fetgo	3	1	KameugneFND23 [415], FetgoD22 [262], KameugneFGOQ18 [414]
Miquel Bofill	3	11	BofillCSV17 [127], BofillGSV15 [129], BofillEGPSV14 [128]
Thomas Bridi	3	29	BridiLBBM16 [150], BridiLBBM16 [151], BartoliniBBLM14 [73]
Cid C. de Souza	3	21	MouraSCL08 [546], MouraSCL08a [545], HeipckeCCS00 [366]
Quentin Cappart	3	8	PopovicCGNC22 [611], CappartTSR18 [164], CappartS17 [163]
Jacques Carlier	3	70	CarlierSJP21 [172], ClautiauxJCM08 [188], NeronABCDD06 [579]
Ondrej Cepek	3	36	BartakCS10 [69], VilimBC05 [747], VilimBC04 [746]
Amedeo Cesta	3	15	CestaOPS14 [180], OddiPCC03 [580], CestaOS98 [181]
Alban Derrien	3	17	Derrien15 [219], DerrienP14 [220], DerrienPZ14 [221]
Minh Do	3	7	TranWDRFOVB16 [726], TranDRFWOVB16 [721], FrankDT16 [271]
Ulrich Dorndorf	3	65	Dorndorf2000 [231], DorndorfPH99 [230], DorndorfHP99 [229]
Abdallah Elkhyari	3	10	Elkhyari03 [240], ElkhyariGJ02 [241], ElkhyariGJ02a [242]
Hamed Fahimi	3	2	FahimiQ23 [255], FahimiOQ18 [254], Fahimi16 [253]
Dominique Feillet	3	68	Acuna-AgostMFG09 [7], ArtiguesF07 [38], ArtiguesBF04 [36]
Douglas G. Down	3	22	TranPZLDB18 [722], TerekhovTDB14 [706], TranTDB13 [723]
Maurizio Gabbriellini	3	12	LiuCGM17 [480], AmadiniGM16 [21], FalaschiGMP97 [256]
Michele Garraffa	3	1	AlferiGPS23 [19], ArmstrongGOS22 [33], ArmstrongGOS21 [32]
Martin Gebser	3	0	TasselGS23 [701], abs-2306-05747 [702], KovacsTKSG21 [441]
Jean-Claude Gentina	3	8	KorbaaYG00 [432], LopezAKYG00 [494], KorbaaYG99 [431]
Arnaud Gotlieb	3	22	MossigeGSMC17 [544], AlesioBNG15 [18], AlesioNBG14 [222]
Lucas Groleaz	3	4	Groleaz21 [322], GroleazNS20 [324], GroleazNS20a [323]
Iiro Harjunoski	3	594	HarjunoskiMBC14 [347], HarjunoskiG02 [345], HarjunoskiJG00 [346]
Renaud Hartert	3	35	GayHLS15 [284], GayHS15 [285], GayHS15a [286]
Marie-Jos�� Huguet	3	12	AntuoriHHEN21 [26], AntuoriHHEN20 [25], HebrardHJMPV16 [354]
Mikael Johansson	3	27	Åstrand0F21 [45], ÅstrandJZ20 [47], ÅstrandJZ18 [46]
Ouajdi Korbaa	3	8	KorbaaYG00 [432], LopezAKYG00 [494], KorbaaYG99 [431]
Stefan Kreter	3	47	KreterSSZ18 [444], KreterSS17 [443], KreterSS15 [442]
Elif K��rkl��	3	7	ReddyFIBKAJ11 [626], FrankK05 [273], FrankK03 [272]
James Little	3	58	KrogtLPHJ07 [735], DarbyDowmanL98 [202], DarbyDowmanLMZ97 [203]
Shixin Liu	3	1	LiFJZLL22 [469], ZhangJZL22 [790], TanSD10 [696]
Pedro M. Castro	3	403	HarjunoskiMBC14 [347], CastroGR10 [174], ZeballosCM10 [788]
Leilei Meng	3	143	MengGRZSC22 [527], MengLZB21 [528], MengZRZL20 [529]
Philippe Michelon	3	68	Acuna-AgostMFG09 [7], LiessM08 [470], DemasseyAM05 [217]
Tony Minoru Tamura Lopes	3	47	LopesCSM10 [493], MouraSCL08 [546], MouraSCL08a [545]
Mahdi Mokhtarzadeh	3	34	FarsiTM22 [259], RabbaniMM21 [624], MokhtarzadehTNF20 [539]
Christina N. Burt	3	20	BurtLPS15 [156], BlomBPS14 [121], LipovetzkyBPS14 [476]
Hiroki Nishikawa	3	6	NishikawaSTT19 [570], NishikawaSTT18 [568], NishikawaSTT18a [569]
Angelo Oddi	3	15	CestaOPS14 [180], OddiPCC03 [580], CestaOS98 [181]
Ceyda Oguz	3	93	UnsalO19 [730], UnsalO13 [729], EdisO11 [235]
Laure Pauline Fotso	3	19	KameugneFSN14 [418], KameugneF13 [416], KameugneFSN11 [417]
David R. Urbach	3	100	NaderiRBAU21 [557], RoshanaeiBAUB20 [639], RoshanaeiLAU17a [641]
Yaping Ren	3	143	MengGRZSC22 [527], MengLZB21 [528], MengZRZL20 [529]
Levi Ribeiro de Abreu	3	16	AbreuNP23 [209], AbreuN22 [208], AbreuAPNM21 [207]
Francesca Rossi	3	83	GelainPRVW17 [295], BartakSR10 [71], BartakSR08 [75]
Gunnar Schrader	3	13	Wolf09 [769], WolfS05 [768], SchuttWS05 [666]
Christian Schulte	3	26	WessenCS20 [761], FrimodigS19 [275], LozanoCDS12 [497]

Table 8: Co-Authors of Articles/Papers

Author	Nr Works	Nr Cites	Entries
Jens Schulz	3	40	HeinzSB13 [363], HeinzS11 [362], BertholdHLMs10 [114]
Marcelo Seido Nagano	3	16	AbreuNP23 [209], AbreuN22 [208], AbreuAPNM21 [207]
Paul Shaw	3	213	LaborieRSV18 [453], VilimLS15 [748], PerronSF04 [601]
Kana Shimada	3	6	NishikawaSTT19 [570], NishikawaSTT18 [568], NishikawaSTT18a [569]
Gilles Simonin	3	8	GodetLHS20 [304], SimoninAHL15 [676], SimoninAHL12 [675]
Tiago Stegun Vaquero	3	29	TranVNB17 [724], TranVNB17a [725], LouieVNB14 [496]
Josep Suy	3	11	BofillCSV17 [127], BofillGSV15 [129], BofillEGPSV14 [128]
Andreas T. Ernst	3	16	abs-2211-14492 [689], EdwardsBSE19 [237], ThiruvadyBME09 [709]
Ittetsu Taniguchi	3	6	NishikawaSTT19 [570], NishikawaSTT18 [568], NishikawaSTT18a [569]
Pierre Tassel	3	0	TasselGS23 [701], abs-2306-05747 [702], KovacsTKSG21 [441]
Erich Teppan	3	13	abs-2102-08778 [193], ColT2019a [198], FriedrichFMRsST14 [274]
Hiroyuki Tomiyama	3	6	NishikawaSTT19 [570], NishikawaSTT18 [568], NishikawaSTT18a [569]
Seyda Topaloglu Yildiz	3	22	IsikYA23 [398], YunusogluY22 [777], KucukY19 [449]
G�rard Verfaill�e	3	119	HebrardHJMPV16 [354], Verfaill�eL01 [738], BensanaLV99 [113]
Arnaldo Vieira Moura	3	47	LopesCSM10 [493], MouraSCL08 [546], MouraSCL08a [545]
Mateu Villaret	3	11	BofillCSV17 [127], BofillGSV15 [129], BofillEGPSV14 [128]
Daniel Walkiewicz	3	0	LacknerMMWW23 [456], WinterMMW22 [763], LacknerMMWW21 [455]
Pascal Yim	3	8	KorbaaYG00 [432], LopezAKYG00 [494], KorbaaYG99 [431]
Alessandro Zanarini	3	25	AstrandJZ20 [47], AstrandJZ18 [46], BonfiettiZLM16 [137]
Luis Zeballos	3	35	ZeballosQH10 [787], ZeballosH05 [786], QuirogaZH05 [623]
Biao Zhang	3	143	MengGRZSC22 [527], MengLZB21 [528], MengZRZL20 [529]
Viktoria A. Hauder	2	14	HauderBRPA20 [351], abs-1902-09244 [350]
Daniel A. Desmond	2	1	AntunesABD20 [24], AntunesABD18 [23]
Emile Aarts	2	65	NuijtenA96 [577], NuijtenA94 [576]
Michael Affenzeller	2	14	HauderBRPA20 [351], abs-1902-09244 [350]
Mark Antunes	2	1	AntunesABD20 [24], AntunesABD18 [23]
Valentin Antuori	2	3	AntuoriHHEN21 [26], AntuoriHHEN20 [25]
Vincent Armant	2	1	AntunesABD20 [24], AntunesABD18 [23]
Eddie Armstrong	2	1	ArmstrongGOS22 [33], ArmstrongGOS21 [32]
Amelia Badica	2	4	BadicaBI20 [49], BadicaBIL19 [50]
Costin Badica	2	4	BadicaBI20 [49], BadicaBIL19 [50]
Pierre Baptiste	2	13	BoucherBVBL97 [143], BaptisteLV92 [64]
Nicolas Barnier	2	0	WangB23 [756], WangB20 [755]
Andreas Beham	2	14	HauderBRPA20 [351], abs-1902-09244 [350]
Ondrej Benedikt	2	3	BenediktMH20 [105], BenediktSMVH18 [106]
Timo Berthold	2	108	BertholdHLMs10 [114], AchterbergBKW08 [6]
Jean-Charles Billaut	2	23	BillautHL12 [117], LorigeonBB02 [495]
Alexander Bockmayr	2	91	BockmayrP06 [126], BockmayrK98 [125]
Andrea Borghesi	2	23	BorghesiBLMB18 [141], BartoliniBBLM14 [73]
Lionel C. Briand	2	16	AlesioBNG15 [18], AlesioNBG14 [222]
Eray Cakici	2	71	HamFC17 [338], HamC16 [342]
Dario Canut-de-Bon	2	1	YuraszeckMCCR23 [780], YuraszeckMC23 [778]
Tom Carchrae	2	16	CarchraeB09 [165], CarchraeBF05 [166]
Erich Christian Teppan	2	11	Teppan22 [704], ColT19 [194]
Jordi Coll Caballero	2	0	Caballero23 [159], Caballero19 [158]
Yves Colombani	2	9	HeipckeCCS00 [366], Colombani96 [195]
Joseph D. Scott	2	13	KameugneFSN14 [418], KameugneFSN11 [417]
Emilie Danna	2	23	DannaP04 [200], DannaP03 [201]
St�phane Dauz�re-P�r�s	2	14	PenzDN23 [598], NattafDYW19 [563]
Alexis De Clercq	2	3	Clercq12 [210], ClercqPBJ11 [189]
Mauro Dell’Amico	2	2	MontemanniD23 [543], MontemanniD23a [542]
Mehmet Dincbas	2	86	DincbasS91 [225], DincbasSH90 [226]
Yuquan Du	2	44	QinDCS20 [620], QinDS16 [621]
Kyle E. C. Booth	2	48	BoothNB16 [139], BoothTNB16 [140]
Hani El Sakkout	2	82	KamarainenS02 [411], SakkoutW00 [649]

Table 8: Co-Authors of Articles/Papers

Author	Nr Works	Nr Cites	Entries
Sebastian Engell	2	384	KlankeBYE21 [426], HarjunkskiMBC14 [347]
Tamer Eren	2	20	GurPAE23 [332], GurEA19 [803]
Guillaume Escamocher	2	1	AntunesABD20 [24], AntunesABD18 [23]
Siham Essodaigui	2	3	AntuoriHHEN21 [26], AntuoriHHEN20 [25]
Caroline Even	2	3	EvenSH15 [250], EvenSH15a [251]
Stephen F. Smith	2	7	CestaOPS14 [180], CestaOS98 [181]
Minhaz F. Zibran	2	43	ZibranR11 [800], ZibranR11a [801]
Richard F. Hartl	2	36	SchnellH17 [654], SchnellH15 [653]
Azadeh Farsi	2	30	FarsiTM22 [259], MokhtarzadehTNF20 [539]
Michel Gamache	2	0	AalianPG23 [1], CampeauG22 [162]
Marc Garcia	2	10	BofillGSV15 [129], BofillEGPSV14 [128]
Antonio Garrido	2	27	GarridoAO09 [282], GarridoOS08 [283]
Ridvan Gedik	2	63	GedikKEK18 [288], GedikKBR17 [289]
Michel Gendreau	2	58	HachemiGR11 [334], PesantGPR99 [602]
Anne-Marie George	2	1	AntunesABD20 [24], AntunesABD18 [23]
Eleanor Gilbert Rieffel	2	3	TranWDRFOVB16 [726], TranDRFWOVB16 [721]
Vincent Gingras	2	1	KameugneFGOQ18 [414], GingrasQ16 [301]
Gaël Glorian	2	0	PerezGSL23 [599], abs-2312-13682 [600]
Arthur Godet	2	1	Godet21a [303], GodetLHS20 [304]
Adrian Goldwaser	2	8	GoldwaserS18 [310], GoldwaserS17 [309]
Alessio Guerri	2	43	BeniniBGM06 [108], BeniniBGM05 [107]
Daniel Guimaraes	2	2	GokPTGO23 [307], GokGSTO20 [306]
Vilém Heinz	2	5	abs-2305-19888 [365], HeinzNVH22 [364]
Alessandro Hill	2	0	HillBCGN22 [372], HillTV21 [373]
Seyed Hossein Hashemi Doulabi	2	59	DoulabiRP16 [233], DoulabiRP14 [232]
Georgiana Ifrim	2	12	GrimesIOS14 [321], IfrimOS12 [397]
Mirjana Ivanovic	2	4	BadicaBI20 [49], BadicaBIL19 [50]
Luis J. Zeballos	2	48	ZeballosNH11 [789], ZeballosCM10 [788]
Vipul Jain	2	323	JainG01 [401], HarjunkskiJG00 [346]
Raf Jans	2	60	MartnezAJ22 [520], Jans09 [402]
Antoine Jouglet	2	67	CarlierSJP21 [172], ClautiauxJCM08 [188]
Chanchal K. Roy	2	43	ZibranR11 [800], ZibranR11a [801]
Emre Kirac	2	63	GedikKEK18 [288], GedikKBR17 [289]
Lucas Kletzander	2	1	GeibingerKKMMW21 [290], KletzanderM17 [427]
Jan Kristof Behrens	2	12	BehrensLM19 [94], abs-1901-07914 [95]
Wen-Yang Ku	2	128	KuB16 [445], HeinzKB13 [360]
Michelle L. Blom	2	35	BlomPS16 [122], BlomBPS14 [121]
Marie-Louise Lackner	2	0	LacknerMMWW23 [456], LacknerMMWW21 [455]
Arnaud Lallouet	2	0	PerezGSL23 [599], abs-2312-13682 [600]
Evelina Lamma	2	12	LammaMM97 [459], BrusoniCLMMT96 [154]
Ralph Lange	2	12	BehrensLM19 [94], abs-1901-07914 [95]
Bruno Legeard	2	13	BoucherBVBL97 [143], BaptisteLV92 [64]
Pierre Lemaire	2	32	CatusseCBL16 [175], GuyonLPR12 [333]
Michel Lemaître	2	110	VerfaillieL01 [738], BensanaLV99 [113]
BoonPing Lim	2	6	LimHTB16 [472], LimBTBB15 [473]
Kamol Limtanyakul	2	6	LimtanyakulS12 [475], Limtanyakul07 [474]
Yiqing Lin	2	1	AntunesABD20 [24], AntunesABD18 [23]
Nir Lipovetzky	2	5	BurtLPS15 [156], LipovetzkyBPS14 [476]
Xavier Lorca	2	29	GodetLHS20 [304], HermenierDL11 [370]
Curtiss Luong	2	115	RoshanaeiLAU17 [640], RoshanaeiLAU17a [641]
Chang Lv	2	105	MengLZB21 [528], MengZRZL20 [529]
Abid M. Malik	2	15	Malik08 [513], MalikMB08 [514]
Andy M. Ham	2	214	Ham18 [341], HamC16 [342]
Gilles Madi-Wamba	2	1	Madi-WambaLOBM17 [507], Madi-WambaB16 [506]
Adrien Maillard	2	9	HebrardALLCMR22 [353], HebrardHJMPV16 [354]

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Author	Nr Works	Nr Cites	Entries
Masoumeh Mansouri	2	12	BehrensLM19 [94], abs-1901-07914 [95]
Jacopo Mauro	2	2	LiuCGM17 [480], AmadiniGM16 [21]
Gonzalo Mejía	2	25	YuraszekMC23 [778], MejiaY20 [523]
Paola Mello	2	12	LammaMM97 [459], BrusoniCLMMT96 [154]
Carlos Mencía	2	25	MenciaSV13 [526], MenciaSV12 [525]
Luc Mercier	2	37	MercierH08 [530], MercierH07 [531]
Roberto Montemanni	2	2	MontemanniD23 [543], MontemanniD23a [542]
Christoph Mrkvicka	2	0	LacknerMMWW23 [456], LacknerMMWW21 [455]
István Módos	2	3	BenediktMH20 [105], BenediktSMVH18 [106]
Sophie N. Parragh	2	14	HauderBRPA20 [351], abs-1902-09244 [350]
Samba Ndojh Ndiaye	2	4	GroleazNS20 [324], GroleazNS20a [323]
Shiva Nejati	2	16	AlesioBNG15 [18], AlesioNBG14 [222]
Youcheu Ngo-Kateu	2	13	KameugneFSN14 [418], KameugneFSN11 [417]
Alain Nguyen	2	3	AntuoriHHEN21 [26], AntuoriHHEN20 [25]
Su Nguyen	2	0	abs-2402-00459 [567], abs-2211-14492 [689]
Antonín Novák	2	5	abs-2305-19888 [365], HeinzNVH22 [364]
Bryan O’Gorman	2	3	TranWDRFOVB16 [726], TranDRFWOVB16 [721]
Mike O’Keeffe	2	1	AntunesABD20 [24], AntunesABD18 [23]
Eva Onaindia	2	27	GarridoAO09 [282], GarridoOS08 [283]
Greger Ottosson	2	331	HookerO03 [390], MilanoORT02 [534]
Irem Ozkarahan	2	89	EdisO11a [236], TopalogluO11 [715]
Carla P. Gomes	2	0	HoeveGSL07 [736], GomesHS06 [313]
Myoung-Ju Park	2	19	HampPK21 [340], HampP21 [339]
Guillaume Perez	2	0	PerezGSL23 [599], abs-2312-13682 [600]
Laurent Perron	2	55	PerronSF04 [601], DannaP03 [201]
Toàn Phan Huy	2	18	DorndorfPH99 [230], DorndorfHP99 [229]
Nicola Policella	2	10	CestaOPS14 [180], OddiPCC03 [580]
Enrico Pontelli	2	0	TardivoDFMP23 [700], VillaverdeP04 [749]
Tianbao Qin	2	44	QinDCS20 [620], QinDS16 [621]
Luis Quesada	2	1	AntunesABD20 [24], AntunesABD18 [23]
Oscar Quiroga	2	35	ZaballosQH10 [787], QuirogaZH05 [623]
Günther R. Raidl	2	14	FrohnerTR19 [277], RendlPHPR12 [629]
Levi R. Abreu	2	0	PrataAN23 [616], AbreuPNF23 [3]
María R. Sierra	2	25	MenciaSV13 [526], MenciaSV12 [525]
Sebastian Ragg	2	14	HauderBRPA20 [351], abs-1902-09244 [350]
Vinasétan Ratheil Houndji	2	5	HoundjiSW19 [393], HoundjiSWD14 [394]
David Rivreau	2	42	NattafALR16 [562], GuyonLPR12 [333]
Robert Rodosek	2	72	RodosekWH99 [633], RodosekW98 [632]
Marcelo S. Nagano	2	0	PrataAN23 [616], AbreuPNF23 [3]
Gregory S. Zaric	2	7	NaderiBZR23 [553], NaderiBZ22a [552]
Erlendur S. Thorsteinsson	2	81	MilanoORT02 [534], Thorsteinsson01 [712]
Ruslan Sadykov	2	56	SadykovW06 [648], Sadykov04 [647]
Hongyan Sang	2	43	MengGRZSC22 [527], MengLZB21 [528]
Konstantin Schekotihin	2	0	TasselGS23 [701], abs-2306-05747 [702]
Alexander Schnell	2	36	SchnellH17 [654], SchnellH15 [653]
Bart Selman	2	0	HoeveGSL07 [736], GomesHS06 [313]
Mei Sha	2	44	QinDCS20 [620], QinDS16 [621]
Wijnand Suijlen	2	0	PerezGSL23 [599], abs-2312-13682 [600]
Yuan Sun	2	0	abs-2402-00459 [567], abs-2211-14492 [689]
Yuanyan Tan	2	41	TanZWGQ19 [697], TanSD10 [696]
Lixin Tang	2	33	SunTB19 [688], RenT09 [628]
Clémentin Tayou Djamégni	2	0	KameugneFND23 [415], FetgoD22 [262]
Alexander Tesch	2	9	Tesch18 [708], Tesch16 [707]
Sylvie Thiébaux	2	6	LimHTB16 [472], LimBTBB15 [473]
Charles Thomas	2	6	ThomasKS20 [711], CappartTSR18 [164]

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Author	Nr Works	Nr Cites	Entries
Maurizio Tomasella	2	2	GokPTGO23 [307], GokGSTO20 [306]
Semra Tunali	2	46	OzturkTHO13 [590], OzturkTHO10 [589]
Semra Tunali	2	32	OzturkTHO15 [591], OzturkTHO12 [588]
Ozgur Unsal	2	88	UnsalO19 [730], UnsalO13 [729]
Behdin Vahedi Nouri	2	25	Mehdizadeh-Somarin23 [522], MokhtarzadehTNF20 [539]
Behdin Vahedi-Nouri	2	9	Fatemi-AnarakiTFV23 [260], NouriMHD23 [731]
Ramiro Varela	2	25	MenciaSV13 [526], MenciaSV12 [525]
Christophe Varnier	2	13	BoucherBVBL97 [143], BaptisteLV92 [64]
Alkis Vazacopoulos	2	7	AggounMV08 [12], AggounV04 [13]
Davide Venturelli	2	3	TranWDRFOVB16 [726], TranDRFWOVB16 [721]
Ruixin Wang	2	0	WangB23 [756], WangB20 [755]
Zhihui Wang	2	3	TranWDRFOVB16 [726], TranDRFWOVB16 [721]
Jean-Paul Watson	2	57	BeckFW11 [83], WatsonB08 [759]
Christine Wei Wu	2	42	WuBB09 [772], WuBB05 [771]
Christophe Wolinski	2	19	WolinskiKG04 [770], KuchcinskiW03 [447]
Farouk Yalaoui	2	3	OujanaAYB22 [587], ArbaouiY18 [29]
Neil Yorke-Smith	2	5	EfthymiouY23 [238], WallaceY20 [754]
Stéphane Zampelli	2	23	DerrienPZ14 [221], ZampelliVSDR13 [782]
Chaoyong Zhang	2	105	MengLZB21 [528], MengZRZL20 [529]
Guoqing Zhang	2	0	NaderiBZ23 [555], NaderiBZ22 [554]
Ziyan Zhao	2	0	LiFJZLL22 [469], ZhangJZL22 [790]
Jiayang Zhou	2	24	Zhou97 [796], Zhou96 [795]
Menkes van den Briel	2	6	LimHTB16 [472], LimBTBB15 [473]
Peter van Beek	2	16	BegB13 [93], MalikMB08 [514]
	1	63	ArtiguesDN08 [37]
Florian A. Herzog	1	2	KoehlerBFFHPSSS21 [428]
J. A. Hoogeveen	1	2	AkkerDH07 [733]
M. A. Hakim Newton	1	4	RiahiNS018 [630]
Amr A. Kandil	1	24	TangLWSK18 [699]
Antonio A. Márquez	1	7	ValleMGTO3 [732]
Steve A. Chien	1	0	HebrardALLCMR22 [353]
Sheila A. McIlraith	1	0	LuoVLBM16 [502]
Julie A. Shah	1	71	GombolayWS18 [312]
Carlos A. Méndez	1	22	ZeballosCM10 [788]
Ulrich A. W. Tetzlaff	1	22	PeschT96 [604]
William A. Wallace	1	14	GongLMW09 [315]
Younes Aalian	1	0	AalianPG23 [1]
Hanaa Abohashima	1	1	AbohashimaEG21 [2]
Montserrat Abril	1	0	AbrilSB05 [4]
Tobias Achterberg	1	80	AchterbergBKW08 [6]
Rodrigo Acuna-Agost	1	3	Acuna-AgostMFG09 [7]
Nathan Adelgren	1	0	Adelgren2023 [9]
W. Adelman	1	17	EscobetPQPRA19 [247]
Yossiri Adulyasak	1	1	MartnezAJ22 [520]
Sezin Afsar	1	0	AfsarVPG23 [10]
Penélope Aguiar-Melgarejo	1	14	MelgarejoLS15 [14]
Sanjay Ahire	1	0	KanetAG04 [419]
Aftab Ahmed Shaikh	1	0	ShaikhK23 [668]
Uwe Aickelin	1	0	abs-2211-14492 [689]
Mitchell Ai-Chang	1	3	ReddyFIBKAJ11 [626]
Farid Ajili	1	4	AjiliW04 [15]
Ali Akbar Sadat Asl	1	55	ZarandiASC20 [784]
Mohsen Akbarpour Shirazi	1	28	ZarandiKS16 [783]
Panayiotis Alefragis	1	4	EmeretlisTAV17 [244]
Arianna Alfieri	1	0	AlfieriGPS23 [19]

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Author	Nr Works	Nr Cites	Entries
S. Ali Torabi	1	5	FarsiTM22 [259]
Samira Alizdeh	1	1	AlizdehS20 [20]
Hassane Alla	1	0	LopezAKYG00 [494]
Roberto Amadini	1	2	AmadiniGM16 [21]
Vinícius Amaral Armentano	1	25	FachiniA20 [252]
Lionel Amodeo	1	1	OujanaAYB22 [587]
Kennedy Anderson Guimarães Araújo	1	5	AbreuAPNM21 [207]
Alexandru Andrei	1	9	RuggieroBBMA09 [644]
Ola Angelsmark	1	1	AngelsmarkJ00 [22]
Richard Anthony Valenzano	1	0	LuoVLBM16 [502]
M. Anton Ertl	1	14	ErtlK91 [246]
Zbigniew Antoni Banaszak	1	0	BocewiczBB09 [123]
Marlene Arangú	1	5	GarridoAO09 [282]
Arthur Araujo	1	72	TranAB16 [719]
Taha Arbaoui	1	2	ArbaouiY18 [29]
Dmitry Arkhipov	1	12	ArkhipovBL19 [31]
Dmitrii Arkhipov	1	0	Arkhipov19 [30]
Martin Aronsson	1	0	AronssonBK09 [35]
Konstantin Artiouchine	1	3	ArtiouchineB05 [43]
Arezo Atighehchian	1	7	YounespourAKE19 [774]
Mohamed Awad	1	3	AwadMDMT22 [48]
Abdullah Ayub Khan	1	0	ShaikhK23 [668]
Amr B. Eltawil	1	1	AbohashimaEG21 [2]
Maya B. Gokhale	1	0	WolinskiKG04 [770]
David B. H. Tay	1	0	Tay92 [703]
Andrew B. Philips	1	437	MintonJPL92 [537]
Davaatseren Baatar	1	3	EdwardsBSE19 [237]
Özalp Babaoglu	1	1	GalleguillosKSB19 [279]
Irena Bach	1	0	BocewiczBB09 [123]
Astrid Bachelu	1	0	BoucherBVBL97 [143]
Scott Backhaus	1	4	LimBTBB15 [473]
Hari Balasubramanian	1	9	ShinBBHO18 [671]
Roberto Baldacci	1	31	SunTB19 [688]
Marcello Balduccini	1	20	Balduccini11 [54]
Gohram Baloch	1	25	BalochG20 [55]
Viet Bang Nguyen	1	0	LauLN08 [460]
Federico Barber	1	0	AbrilSB05 [4]
Ada Barlatt	1	1	BarlattCG08 [65]
Roman Barták	1	54	BartakSR08 [75]
Mohammadreza Barzegaran	1	0	BarzegaranZP20 [76]
Virginie Basini	1	8	Polo-MejiaALB20 [610]
Olga Battaia	1	12	ArkhipovBL19 [31]
Said Belhadji	1	3	BelhadjiI98 [102]
Sana Belmokhtar	1	16	ArtiguesBF04 [36]
Fatima Benbouzid-Si Tayeb	1	0	TouatBT22 [717]
Till Bender	1	1	BenderWS21 [103]
Belaid Benhamou	1	0	TouatBT22 [717]
Hachemi Bennaceur	1	8	KhemmoudjPB06 [424]
Ashlea Bennet Milburn	1	20	GedikKBR17 [289]
Thierry Benoist	1	13	BenoistGR02 [112]
E. Bensana	1	99	BensanaLV99 [113]
Russell Bent	1	4	LimBTBB15 [473]
Christian Bessiere	1	1	BessiereHMQW14 [115]
Julien Bidot	1	58	BidotVLB09 [116]

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Author	Nr Works	Nr Cites	Entries
Arthur Bit-Monnot	1	0	Bit-Monnot23 [118]
Jacek Blazewicz	1	38	BlazewiczEP19 [119]
Christian Blum	1	13	ThiruvadyBME09 [709]
Grzegorz Bocewicz	1	0	BocewiczBB09 [123]
Markus Bohlin	1	0	AronssonBK09 [35]
Peter Bongers	1	381	HarjunoskiMBC14 [347]
Nicolas Bonifas	1	3	BaptisteB18 [58]
Camille Bonnin	1	0	BonninMNE24 [138]
F. Bosi	1	3	BosiM2001 [142]
Eric Boucher	1	0	BoucherBVBL97 [143]
Raphaël Boudreault	1	0	BoudreaultSLQ22 [144]
Jean-Louis Bouquard	1	22	LorigeonBB02 [495]
Stéphane Bourdais	1	29	BourdaisGP03 [145]
Eric Bourreau	1	4	BourreauGGTL22 [146]
Nadia Brauner	1	0	CatusseCBL16 [175]
Silvia Breitteringer	1	0	BreitteringerL95 [148]
Kristen Brent Venable	1	1	GelainPRVW17 [295]
Cyril Briand	1	1	BriandHHL08 [149]
D. Brodart	1	1	OujanaAYB22 [587]
Peter Brucker	1	66	BruckerK00 [153]
Yuriy Brun	1	9	ShinBBHO18 [671]
Vittorio Brusoni	1	1	BrusoniCLMMT96 [154]
Yossi Bukchin	1	66	BukchinR18 [155]
Josef Bürgler	1	2	KoehlerBFFHPSSS21 [428]
Jacek Błażewicz	1	344	BlazewiczDP96 [157]
Cristina C. B. Cavalcante	1	5	HeipckeCCS00 [366]
Eugene C. Freuder	1	0	CarchraeBF05 [166]
Kevin C. Furman	1	48	GoelSHFS15 [305]
Joseph C. Pemberton	1	26	PembertonG98 [597]
Hendrik C. R. Lock	1	0	BreitteringerL95 [148]
Erich C. Teppan	1	3	ColT22 [199]
Matthew C. Gombolay	1	71	GombolayWS18 [312]
Sally C. Brailsford	1	56	SmithBHW96 [684]
Louis-Pierre Campeau	1	0	CampeauG22 [162]
J. Carlier	1	6	CarlierPSJ20 [167]
Cid Carvalho de Souza	1	31	LopesCSM10 [493]
Yves Caseau	1	0	Caseau97 [173]
Roberto Castañeda Lozano	1	21	LozanoCDS12 [497]
Oscar Castillo	1	55	ZarandiASC20 [784]
Nicolas Catusse	1	0	CatusseCBL16 [175]
Yao-Ting Chang	1	2	HoYCLLCCL18 [375]
Zhang Chaoyong	1	38	MengGRZSC22 [527]
Nicolas Chapados	1	5	ChapadosJR11 [182]
Philippe Charlier	1	11	SimonisCK00 [681]
Yarong Chen	1	2	ChenGPH10 [183]
Mohammad Cherkaoui	1	0	FallahiAC20 [257]
Han-Mo Chiu	1	2	HoYCLLCCL18 [375]
Yeonjun Choi	1	0	KimCMLLP23 [425]
Yingyi Chu	1	13	ChuX05 [185]
Sue-Min Chu	1	2	HoYCLLCCL18 [375]
Hoong Chuin Lau	1	0	LauLN08 [460]
Italo Cipriano	1	0	HillBCGN22 [372]
François Clautiaux	1	64	ClautiauxJCM08 [188]
Michael Codish	1	127	OhrimenkoSC09 [581]
Carleton Coffrin	1	14	SchausHMCMD11 [651]

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Author	Nr Works	Nr Cites	Entries
Eldan Cohen	1	1	CohenHB17 [192]
Jordi Coll	1	1	BofillCSV17 [127]
Luca Console	1	1	BrusoniCLMMT96 [154]
Evelyn Contejean	1	167	BeldiceanuC94 [100]
Trijntje Cornelissens	1	17	SimonisC95 [682]
Gabriella Cortellessa	1	8	OddiPCC03 [580]
Nicolás Cuneo	1	0	YuraszeckMCCR23 [780]
Kateryna Czerniachowska	1	0	CzerniachowskaWZ23 [197]
Alain Côté	1	0	PopovicCGNC22 [611]
Kenneth D. Young	1	6	YoungFS17 [775]
Laurent D. Michel	1	3	FontaineMH16 [266]
Steven D. Prestwich	1	6	RossiTHP07 [643]
Michael D. Moffitt	1	0	MoffittPP05 [538]
Mark D. Johnston	1	437	MintonJPL92 [537]
Eugene D. Davis	1	9	BeckDDF98 [81]
Jean Damay	1	3	NeronABCDD06 [579]
Ken Darby-Dowman	1	28	DarbyDowmanL98 [202]
Ken Darby-Dowman	1	28	Darby-DowmanLMZ97 [203]
Ernest Davis	1	308	Davis87 [206]
Vivian De Smedt	1	7	GaySS14 [287]
Rina Dechter	1	10	FrostD98 [278]
Carmelo Del Valle	1	7	ValleMGT03 [732]
Xavier Delorme	1	0	RodriguezDG02 [636]
Alain Demeure	1	0	JourdanFRD94 [404]
Emir Demirovic	1	4	DemirovicS18 [218]
Roberto Di Cosmo	1	0	LiuCGM17 [480]
Stefano Di Alesio	1	13	AlesioBNG15 [18]
Guido Diepen	1	2	AkkerDH07 [733]
Bistra Dilkina	1	2	DilkinaDH05 [223]
Yann Disser	1	0	EmdeZD22 [243]
Alexandre Dolgui	1	2	NouriMHD23 [731]
Ulrich Domdorf	1	0	DomdorffPH03 [227]
Wolfgang Domschke	1	344	BlazewiczDP96 [157]
John Donovan	1	3	AwadMDMT22 [48]
Grégoire Dooms	1	1	DoomsH08 [228]
Agostino Dovier	1	0	TardivoDFMP23 [700]
Frej Drejhammar	1	21	LozanoCDS12 [497]
Lei Duan	1	2	DilkinaDH05 [223]
Alexandre Duarte de Almeida	1	0	Lemos21 [463]
Lemos			
Didier Dubois	1	13	FortinZDF05 [268]
Wout Dullaert	1	20	ZampelliVSDR13 [782]
Pierre Dupont	1	0	MonetteDD07 [540]
David Duvivier	1	36	WangMD15 [757]
Anne-Marie Déplanche	1	33	CambazardHDJT04 [160]
Anne-Marie Déplanche	1	36	HladikCDJ08 [374]
Marco E. Lübbecke	1	28	BertholdHLS10 [114]
Andrew E. Santosa	1	0	ZhuS02 [798]
Martha E. Pollack	1	0	MoffittPP05 [538]
Matthew E. Boyce	1	3	ReddyFIBKAJ11 [626]
Ignacio E. Grossman	1	44	HarjunkoskiJG00 [346]
Earl E. Lee	1	14	GongLMW09 [315]
John E. Mitchell	1	14	GongLMW09 [315]
Kyle E.C. Booth	1	24	RoshanaeiBAUB20 [639]
Nikolaos Efthymiou	1	0	EfthymiouY23 [238]

Table 8: Co-Authors of Articles/Papers

Author	Nr Works	Nr Cites	Entries
Gokhan Egilmez	1	43	GedikKEK18 [288]
Péter Egri	1	2	KovacsEKV05 [437]
Nizar El Hachemi	1	32	HachemiGR11 [334]
Ghada El Khayat	1	84	KhayatLR06 [423]
Abdellah El Fallahi	1	0	FallahiAC20 [257]
Özgün Elçi	1	2	ElciOH22 [239]
Simon Emde	1	0	EmdeZD22 [243]
Andreas Emeretlis	1	4	EmeretlisTAV17 [244]
Eyüp Ensar Isik	1	0	IsikYA23 [398]
Andrew Eremín	1	27	EremínW01 [245]
Teresa Escobet	1	17	EscobetPQPRA19 [247]
Joan Espasa	1	3	BofilEGPSV14 [128]
Marie-Laure Espinouse	1	0	BonninMNE24 [138]
Patrick Esquirol	1	0	EsquirolLH2008 [248]
Alireza Etminaniefahani	1	0	EtminaniefahaniGNMS22 [249]
Michael F. Gorman	1	0	KanetAG04 [419]
Mohd Fadlee A. Rasid	1	0	AkramNHRS23 [16]
Ramon Faganello Fachini	1	25	FachiniA20 [252]
François Fages	1	0	JourdanFRD94 [404]
Moreno Falaschi	1	10	FalaschiGMP97 [256]
Huali Fan	1	18	FanXG21 [258]
Hélène Fargier	1	13	FortinZDF05 [268]
Soroush Fatemi-Anaraki	1	7	Fatemi-AnarakiTFV23 [260]
Filippo Focacci	1	0	FocacciLN00 [264]
Daniel Fontaine	1	3	FontaineMH16 [266]
Urs Fontana	1	2	KoehlerBFFHPSSS21 [428]
M.A. Forbes	1	0	ForbesHJST24 [267]
Andrea Formisano	1	0	TardivoDFMP23 [700]
Jérôme Fortin	1	13	FortinZDF05 [268]
Mehdi Foumani	1	7	Fatemi-AnarakiTFV23 [260]
P. Francois	1	56	WeilHFP95 [760]
Gerhard Friedrich	1	3	FriedrichFMRSS14 [274]
Sara Frimodig	1	3	FrimodigS19 [275]
Aurélien Froger	1	0	Froger16 [276]
Nikolaus Frohner	1	0	FrohnerTR19 [277]
Daniel Frost	1	10	FrostD98 [278]
Melanie Frühstück	1	3	FriedrichFMRSS14 [274]
Jun Fu	1	0	LiFJZLL22 [469]
Vincent Furnon	1	34	PerronSF04 [601]
Etienne Fux	1	2	KoehlerBFFHPSSS21 [428]
Ernesto G. Birgin	1	30	LunardiBLRV20 [500]
Lazaros G. Papageorgiou	1	48	RoePS05 [638]
Mohamed Gaha	1	0	PopovicCGNC22 [611]
Flavius Galiber III	1	26	PembertonG98 [597]
Philippe Galinier	1	29	BourdaisGP03 [145]
Cristian Galleguillos	1	1	GalleguillosKSB19 [279]
Xavier Gandibleux	1	0	RodriguezDG02 [636]
Graeme Gange	1	6	He0GLW18 [352]
Kaizhou Gao	1	38	MengGRZSC22 [527]
Thierry Garaix	1	4	BourreauGGTL22 [146]
Maria Garcia de la Banda	1	24	BandaSC11 [211]
Antoine Gargani	1	17	GarganiR07 [281]
Serge Gaspers	1	0	ChuGNSW13 [184]
Etienne Gaudin	1	13	BenoistGR02 [112]
Jonathan Gaudreault	1	2	Mercier-AubinGQ20 [532]

Table 8: Co-Authors of Articles/Papers

Author	Nr Works	Nr Cites	Entries
Marc Geitz	1	0	GeitzGSSW22 [294]
Mirco Gelain	1	1	GelainPRVW17 [295]
Wing-Yue Geoffrey Louie	1	16	LouieVNB14 [496]
Marcus Gerhard Müller	1	17	MullerMKP22 [547]
Patrick Gerhards	1	0	HubnerGSV21 [395]
Grigori German	1	0	German18 [297]
Ulrich Geske	1	2	Geske05 [298]
Shirin Ghasemi	1	0	GhasemiMH23 [299]
Katherine Giles	1	2	GilesH16 [300]
Daniel Godard	1	0	GodardLN05 [302]
Vikas Goel	1	48	GoelSHFS15 [305]
Mark Goh	1	18	FanXG21 [258]
Hans-Joachim Goltz	1	7	Goltz95 [311]
Matthieu Gondran	1	4	BourreauGGTL22 [146]
Jing Gong	1	14	GongLMW09 [315]
Inés González-Rodríguez	1	0	AfsarVPG23 [10]
Marcos Goycoolea	1	0	HillBCGN22 [372]
Mattias Grönkvist	1	28	Gronkvist06 [325]
Cristian Grozea	1	0	GeitzGSSW22 [294]
Flavius Gruian	1	5	GruianK98 [326]
Zailin Guan	1	2	ChenGPSH10 [183]
Serigne Gueye	1	3	Acuna-AgostMFG09 [7]
Ying Guo	1	0	ZhouGL15 [797]
Peng Guo	1	8	GuoHLW20 [330]
Penghui Guo	1	0	GuoZ23 [331]
Xi Wang Guo	1	40	TanZWGQ19 [697]
Zhe Guo	1	2	LiuGT10 [478]
Olivier Guyon	1	32	GuyonLPR12 [333]
Fatma Gzara	1	25	BalochG20 [55]
Şeyda Gür	1	19	GurEA19 [803]
Burak Gökğür	1	31	GokgurHO18 [308]
Seyda Gür	1	1	GurPAE23 [332]
Fehmi H'Mida	1	11	TrojetHL11 [727]
Rolf H. Möhring	1	28	BertholdHLMS10 [114]
John H. Drake	1	41	PourDERB18 [612]
M. H. Fazel Zarandi	1	28	ZarandiKS16 [783]
Klaus H. Ecker	1	38	BlazewiczEP19 [119]
JOHN HOOKER	1	30	HookerOTK00 [377]
Tarik Hadzic	1	3	SimonisH11 [683]
M.T. Hajian	1	53	RodosekWH99 [633]
Imen Hamdi	1	2	HamdiL13 [343]
Mahdi Hamid	1	0	GhasemiMH23 [299]
Claire Hanen	1	1	HanenKP21 [344]
Jiang Hang Chen	1	27	QinDCS20 [620]
Sue Hanhilammi	1	2	KrogtLPHJ07 [735]
Zdeněk Hanzálek	1	2	NouriMHD23 [731]
Mohamed Haouari	1	3	LahimerLH11 [457]
M.G. Harris	1	0	ForbesHJST24 [267]
Fazirulhisyam Hashim	1	0	AkramNHRSA23 [16]
Muhammad Hasseb	1	2	ChenGPSH10 [183]
Alain Haït	1	76	ArtiguesLH13 [41]
Shan He	1	6	He0GLW18 [352]
Xun He	1	8	GuoHLW20 [330]
Aliza Heching	1	35	HechingHK19 [356]
Ivan Heckman	1	0	HeckmanB11 [358]

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Author	Nr Works	Nr Cites	Entries
Susanne Heipcke	1	5	HeipckeCCS00 [366]
Fabien Hermenier	1	28	HermenierDL11 [370]
K. Heus	1	56	WeilHFP95 [760]
Gerhard Hiermann	1	14	RendlPHPR12 [629]
Pierre-Emmanuel Hladik	1	33	CambazardHDJT04 [160]
Pierre-Emmanuel Hladik	1	36	HladikCDJ08 [374]
Te-Wei Ho	1	2	HoYCLLC18 [375]
Petra Hofstedt	1	1	LiuLH19 [477]
J.N. Hooker	1	92	HookerO99 [376]
Markó Horváth	1	5	NattaFKAL19 [564]
Mohammad Hossein Fazel Zarandi	1	55	ZarandiASC20 [784]
John Hou	1	1	DavenportKRSH07 [205]
Guoyu Huang	1	1	CohenHB17 [192]
Marie-José Huguet	1	1	BriandHHL08 [149]
Marie-José Huguet	1	0	EsquirolLH2008 [248]
Barry Hurley	1	0	HurleyOS16 [396]
Felix Hübner	1	0	HubnerGSV21 [395]
Michael Iatauro	1	3	ReddyFIBKAJ11 [626]
Ayoub Insa Corréa	1	106	CorreaLR07 [196]
Amar Isli	1	3	BelhadjiI98 [102]
Mustafa Ismael Salman	1	0	AkramNHRSA23 [16]
Fernando J. M. Marcellino	1	0	SerraNM12 [667]
Leon J. Osterweil	1	9	ShinBBHO18 [671]
H. J. Kim	1	12	SureshMOK06 [691]
John J. Kanet	1	0	KanetAG04 [419]
Colin J. Layfield	1	0	Layfield02 [462]
Andrew J. Mason	1	5	Mason01 [521]
Steven J. Edwards	1	3	EdwardsBSE19 [237]
Ronald J. Wilcox	1	71	GombolayWS18 [312]
Andrea J. Brickey	1	0	HillBCGN22 [372]
A.S. Jain	1	490	JainM99 [400]
H.M. Jansen	1	0	ForbesHJST24 [267]
Jean Jaubert	1	0	PraletLJ15 [615]
Jan Jelínek	1	0	JelinekB16 [403]
Yingjun Ji	1	0	ZhangJZL22 [790]
Zixi Jia	1	0	LiFJZLL22 [469]
Yunfei Jiang	1	0	LiuJ06 [481]
Yue Jin	1	2	KrogtLPHJ07 [735]
Marc Joliveau	1	5	ChapadosJR11 [182]
Peter Jonsson	1	1	AngelsmarkJ00 [22]
Juan José Palacios	1	0	AfsarVPG23 [10]
A. Jouglet	1	6	CarlierPSJ20 [167]
Jean Jourdan	1	0	JourdanFRD94 [404]
Nicolas Jozefowicz	1	9	HebrardHJMPV16 [354]
Jae-Yoon Jung	1	1	ParkUJR19 [596]
Pascal Jungblut	1	0	JungblutK22 [405]
T. K. Satish Kumar	1	4	Kumar03 [448]
Edmund K. Burke	1	41	PourDERB18 [612]
Mustafa K. Dogru	1	8	TerekhovDOB12 [705]
T. K. Feng	1	43	BeckFW11 [83]
Ari K. Jónsson	1	3	ReddyFIBKAJ11 [626]
HAK-JIN KIM	1	30	HookerOTK00 [377]
Jayant Kalagnanam	1	1	DavenportKRSH07 [205]
Darshan Kalathia	1	43	GedikKEK18 [288]

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Author	Nr Works	Nr Cites	Entries
Olli Kamarainen	1	9	KamarainenS02 [411]
Nor Kamariah Noordin	1	0	AkramNHSA23 [16]
Thomas Kasper	1	79	BockmayrK98 [125]
Philip Kay	1	11	SimonisCK00 [681]
Elena Kelareva	1	16	KelarevaTK13 [420]
Jan Kelbel	1	12	KelbelH11 [421]
H. Khorshidian	1	28	ZarandiKS16 [783]
Kamran Kianfar	1	7	YounespourAKE19 [774]
Philip Kilby	1	16	KelarevaTK13 [420]
Dongyun Kim	1	0	KimCMLLP23 [425]
Ryo Kimura	1	35	HechingHK19 [356]
Zeynep Kiziltan	1	1	GalleguillosKSB19 [279]
Christian Klanke	1	3	KlankeBYE21 [426]
Sigrid Knust	1	66	BruckerK00 [153]
Thorsten Koch	1	80	AchterbergBKW08 [6]
Jana Koehler	1	2	KoehlerBFFHPSSS21 [428]
Wolfgang Kohlenbrein	1	0	KovacsTKSG21 [441]
Rainer Kolisch	1	4	PohlAK22 [609]
Sebastian Kosch	1	4	KoschB14 [433]
Benjamin Kovács	1	0	KovacsTKSG21 [441]
Matthias Krainz	1	0	GeibingerKKMMW21 [290]
Andreas Krall	1	14	ErtlK91 [246]
Dieter Kranzlmüller	1	0	JungblutK22 [405]
Dominik Kress	1	17	MullerMKP22 [547]
Per Kreuger	1	0	AronssonBK09 [35]
Mustafa Küçük	1	2	KucukY19 [449]
András Kéri	1	1	KeriK07 [422]
Michael L. Pinedo	1	0	KimCMLLP23 [425]
Hassan L. Hijazi	1	2	LimHTB16 [472]
Philip L. Henneman	1	9	ShinBBHO18 [671]
Yiqing L. Luo	1	0	LuoB22 [503]
Philippe Lacomme	1	4	BourreauGGTLT22 [146]
Daniel Lafond	1	0	BoudreaultSLQ22 [144]
Anne-Marie Lagrange	1	0	CatusseCBL16 [175]
Asma Lahimer	1	3	LahimerLH11 [457]
Feipei Lai	1	2	HoYCLLC18 [375]
Jui-Fen Lai	1	2	HoYCLLC18 [375]
Philip Laird	1	437	MintonJPL92 [537]
Leonardo Lamorgese	1	27	RiiseML16 [631]
Alexander Lazarev	1	12	ArkhipovBL19 [31]
Christophe Lecoutre	1	20	GayHLS15 [284]
Myungho Lee	1	0	KimCMLLP23 [425]
Kangbok Lee	1	0	KimCMLLP23 [425]
Solange Lemai-Chenevier	1	0	PraletLJ15 [615]
Olivier Lhomme	1	88	JussienL02 [406]
Xingyang Li	1	0	LiFJZLL22 [469]
Siyi Li	1	0	LiFJZLL22 [469]
Xiaodong Li	1	0	abs-2211-14492 [689]
Guipeng Li	1	0	ZhouGL15 [797]
Hong Li	1	4	SunLYL10 [690]
Nan Li	1	4	SunLYL10 [690]
Yunbo Li	1	1	Madi-WambaLOBM17 [507]
Heyse Li	1	8	TranPZLDB18 [722]
Yi Li	1	0	LuoVLBM16 [502]
Haitao Li	1	113	LiW08 [468]

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Author	Nr Works	Nr Cites	Entries
Junqing Li	1	5	MengLZB21 [528]
Wan-Chung Liao	1	2	HoYCLLC18 [375]
Ariel Liebman	1	6	He0GLW18 [352]
Olivier Liess	1	22	LiessM08 [470]
Andrew Lim	1	5	LimRX04 [471]
Tong Liu	1	0	LiuCGM17 [480]
Lingxuan Liu	1	12	QinWSLS21 [619]
Ke Liu	1	1	LiuLH19 [477]
Rengkui Liu	1	24	TangLWSK18 [699]
Yuechang Liu	1	0	LiuJ06 [481]
Shi-Xin Liu	1	2	LiuGT10 [478]
Shu-Shun Liu	1	57	LiuW11 [479]
Giovanni Lo Bianco	1	1	ZhangBB22 [791]
Doina Logofatu	1	2	BadicaBIL19 [50]
Thomas Lorigeon	1	22	LorigeonBB02 [495]
Taicir Loukil	1	2	HamdiL13 [343]
Chao Lu	1	5	MengLZB21 [528]
Xuan Lu	1	0	LuZZYW24 [498]
Yulin Luan	1	8	GuoHLW20 [330]
Roy Luo	1	0	LuoVLBM16 [502]
Arnaud Luson	1	0	HebrardALLCMR22 [353]
Zhimin Lv	1	1	ZhangLS12 [794]
Sven Löffler	1	1	LiuLH19 [477]
J. M. van den Akker	1	2	AkkerDH07 [733]
Abdulrahman M. Abdulghani	1	0	AkramNHRSA23 [16]
O. M. Alade	1	0	abs-1902-01193 [17]
Shahrazad M. Pour	1	41	PourDERB18 [612]
Franco M. Novara	1	18	NovaraNH16 [571]
Rafael M. Gasca	1	7	ValleMGTO3 [732]
Jose M. Framinan	1	0	AbreuPNF23 [3]
Mohammad M. Fazel-Zarandi	1	38	ZarandiB12 [261]
Norman M. Sadeh	1	0	FoxS90 [270]
Barbara M. Smith	1	56	SmithBHW96 [684]
Peter M. Hubbard	1	56	SmithBHW96 [684]
Jun Ma	1	1	MakMS10 [508]
Russell Macpherson	1	3	AwadMDMT22 [48]
Amy Mainville Cohn	1	1	BarlattCG08 [65]
Kai-Ling Mak	1	1	MakMS10 [508]
Neda Manavizadeh	1	4	RabbaniMM21 [624]
V. Mani	1	12	SureshMOK06 [691]
Carlo Mannino	1	27	RiiseML16 [631]
Marco Mantovani	1	12	BeniniLMMR08 [109]
Oscar Manzano	1	1	MurphyMB15 [549]
Christos Maravelias	1	0	AggounMV08 [12]
Kourosh Marjani Rasmussen	1	41	PourDERB18 [612]
Grégory Marlière	1	1	MarliereSPR23 [517]
Kim Marriott	1	10	FalaschiGMP97 [256]
Fae Martin	1	11	MartinPY01 [519]
Jim McInnes	1	15	MalikMB08 [514]
S. Meeran	1	490	JainM99 [400]
Zahra Mehdizadeh-Somarin	1	0	Mehdizadeh-Somarin23 [522]
Haci Mehmet Alakas	1	1	GurPAE23 [332]
Haci Mehmet Alakas	1	19	GurEA19 [803]
Sebastian Meiswinkel	1	0	WinterMMW22 [763]
Gonzalo Mejía	1	6	YuraszeckMPV22 [779]

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Author	Nr Works	Nr Cites	Entries
Hein Meling	1	6	MossigeGSMC17 [544]
Julien Menana	1	0	Menana11 [524]
Jean-Marc Menaud	1	1	Madi-WambaLOBM17 [507]
Alexandre Mercier-Aubin	1	2	Mercier-AubinGQ20 [532]
Vera Mersheeva	1	3	FriedrichFMRSS14 [274]
Nadine Meskens	1	36	WangMD15 [757]
Bernd Meyer	1	13	ThiruvadyBME09 [709]
Kyung Min Kim	1	6	HamPK21 [340]
Steven Minton	1	437	MintonJPL92 [537]
Gautam Mitra	1	28	Darby-DowmanLMZ97 [203]
Elizabeth Montero	1	0	YuraszeckMCCR23 [780]
Kyungduk Moon	1	0	KimCMLLP23 [425]
Leila Moslemi Naeni	1	0	EtminaniesfahaniGNMS22 [249]
Morten Mossige	1	6	MossigeGSMC17 [544]
Aziz Moukrim	1	64	ClautiauxJCM08 [188]
Konrad Mulrennan	1	3	AwadMDMT22 [48]
Alix Munier Kordon	1	1	HanenKP21 [344]
Stanislav Murin	1	2	MurinR19 [548]
Nicola Muscettola	1	14	Muscettola02 [550]
David Müller	1	17	MullerMKP22 [547]
András Márkus	1	2	VanczaM01 [737]
Marc-André Ménard	1	1	BessiereHMqw14 [115]
Carlos Méndez	1	381	HarjunkoskiMBC14 [347]
T. N. Wong	1	6	ZhangYW21 [792]
S. N. Omkar	1	12	SureshMOK06 [691]
J. N. Hooker	1	35	HechingHK19 [356]
Nina Narodytska	1	0	ChuGNSW13 [184]
Alexandra Newman	1	0	HillBCGN22 [372]
Franklin Nguewouo	1	0	PopovicCGNC22 [611]
Gilberto Nishioka	1	0	SerraNM12 [667]
Thierry Noulamo	1	0	KameugneFND23 [415]
Jari Nurmi	1	2	QuSN06 [622]
Emmanuel Néron	1	3	NeronABCDD06 [579]
A. O. Amusat	1	0	abs-1902-01193 [17]
GREGER OTTOSSON	1	30	HookerOTK00 [377]
Olga Ohrimenko	1	127	OhrimenkoSC09 [581]
Bilal Omar Akram	1	0	AkramNHRSA23 [16]
Mirza Omer Beg	1	1	BegB13 [93]
Anne-Cécile Orgerie	1	1	Madi-WambaLOBM17 [507]
M.A. Osorio	1	92	HookerO99 [376]
Mohand Ou Idir Khemmoudj	1	8	KhemmoudjPB06 [424]
Pierre Ouellet	1	12	OuelletQ13 [584]
Soukaina Oujana	1	1	OujanaAYB22 [587]
Asma Ouled Bedhief	1	0	Bedhief21 [92]
Débora P. Ronconi	1	30	LunardiBLRV20 [500]
Edward P. K. Tsang	1	1	Tsang03 [728]
Bradley P. Allen	1	0	FoxAS82 [269]
Meghana Padmanabhan	1	8	TranPZLDB18 [722]
Silvia Padrón	1	0	GokPTGO23 [307]
Miquel Palahí	1	3	BofillEGPSV14 [128]
Catuscia Palamidessi	1	10	FalaschiGMP97 [256]
Pere Palà-Schönwälder	1	17	EscobetPQPRA19 [247]
Vaibhav Pandey	1	3	PandeyS21a [592]
Hoonseok Park	1	1	ParkUJR19 [596]
Erica Pastore	1	0	AlfieriGPS23 [19]

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Author	Nr Works	Nr Cites	Entries
H. Paul Williams	1	56	SmithBHW96 [684]
Theo Pedersen	1	1	HanenKP21 [344]
Bart Peintner	1	0	MoffittPP05 [538]
Paola Pellegrini	1	1	MarliereSPR23 [517]
Yunfang Peng	1	2	ChenGPSH10 [183]
Louise Penz	1	0	PenzDN23 [598]
Bernard Penz	1	0	CatusseCBL16 [175]
Jordi Pereira	1	6	YuraszeckMPV22 [779]
Toàn Phan Huy	1	0	DomdorfPH03 [227]
Toàn Phan-Huy	1	47	Dorndorf2000 [231]
Mehmet Pinarbasi	1	1	GurPAE23 [332]
Arthur Pinkney	1	11	MartinPY01 [519]
Eric Pinson	1	3	CarlierSJP21 [172]
Éric Pinson	1	32	GuyonLPR12 [333]
E. Pinson	1	6	CarlierPSJ20 [167]
Nicolai Pissaruk	1	12	BockmayrP06 [126]
David Pisinger	1	2	SacramentoSP20 [645]
Maximilian Pohl	1	4	PohlAK22 [609]
Oliver Polo-Mejía	1	8	Polo-MejiaALB20 [610]
Paul Pop	1	0	BarzegaranZP20 [76]
Louis Popovic	1	0	PopovicCGNC22 [611]
Marc Porcheron	1	8	KhemmoudjPB06 [424]
Jean-Yves Potvin	1	26	PesantGPR99 [602]
M. Poujade	1	56	WeilHFP95 [760]
Marc Pouly	1	2	KoehlerBFFHPSSS21 [428]
Guillaume Pováda	1	0	PovedaAA23 [613]
Matthias Prandtstetter	1	14	RendlLPHPR12 [629]
Patrick Prosser	1	0	BeckPS03 [87]
Jakob Puchinger	1	14	RendlLPHPR12 [629]
Jean-Francois Puget	1	6	Puget95 [618]
Vicenç Puig	1	17	EscobetPQPRA19 [247]
Kenneth Pulliam	1	2	KrogtLPHJ07 [735]
Karim Pérez Martínez	1	1	MartnezAJ22 [520]
Liang Qi	1	40	TanZWGQ19 [697]
Kenny Qili Zhu	1	0	ZhuS02 [798]
Ming Qin	1	12	QinWSLS21 [619]
Yang Qu	1	2	QuSN06 [622]
Yuchen Quan	1	2	ShiYXQ22 [670]
Joseba Quevedo	1	17	EscobetPQPRA19 [247]
Alain Quilliot	1	0	ArtiguesHQT21 [39]
Claude-Guy Quimper	1	0	FahimiQ23 [255]
Dominik R. Bleidorn	1	3	KlankeBYE21 [426]
Aliza R. Heching	1	10	HechingH16 [357]
Gregg R. Rabideau	1	0	HebrardALLCMR22 [353]
Camino R. Vela	1	0	AfsarVPG23 [10]
Birger Raa	1	20	ZampelliVSDR13 [782]
Masoud Rabbani	1	4	RabbaniMM21 [624]
Chase Rainwater	1	20	GedikKBR17 [289]
Tal Raviv	1	66	BukchinR18 [155]
Chandra Reddy	1	1	DavenportKRSH07 [205]
Francisco Regis Abreu Gomes	1	1	GomesM17 [314]
Huizhi Ren	1	2	RenT09 [628]
Andrea Rendl	1	14	RendlLPHPR12 [629]
Hamid Reza Feyzmahdavian	1	2	AstrandOF21 [45]
Vahid Riahi	1	4	RiahiNS018 [630]

Table 8: Co-Authors of Articles/Papers

Author	Nr Works	Nr Cites	Entries
Atle Riise	1	27	RiiseML16 [631]
Diane Riopel	1	84	KhayatLR06 [423]
Gregory Rix	1	1	PesantRR15 [603]
Geraldo Robson Mateus	1	1	GomesM17 [314]
Brian Rodrigues	1	5	LimRX04 [471]
Benjamin Roe	1	48	RoePS05 [638]
Jerome Rogerie	1	148	LaborieRSV18 [453]
Jérôme Rogerie	1	17	LaborieR14 [454]
Mohammad Rohaninejad	1	0	Mehdizadeh-Somarin23 [522]
Maximiliano Rojel	1	0	YuraszekMCCR23 [780]
Juli Romera	1	17	EscobetPQPRA19 [247]
Roberto Rossi	1	6	RossiTHP07 [643]
Benoît Rottembourg	1	13	BenoistGR02 [112]
François Roubellat	1	84	ArtiguesR00 [42]
Jean-Marc Rousseau	1	26	PesantGPR99 [602]
Stéphanie Roussel	1	0	SquillaciPR23 [686]
Didier Rozzonelli	1	0	JourdanFRD94 [404]
Pascal Rubini	1	0	CatusseCBL16 [175]
Hana Rudová	1	2	MurinR19 [548]
Rubén Ruiz	1	2	NaderiRR23 [558]
Martin Ruskowski	1	1	ParkUJR19 [596]
Anna Ryabokon	1	3	FriedrichFMRSS14 [274]
William S. Havens	1	2	DilkinaDH05 [223]
Mohamed S. Gheith	1	1	AbohashimaEG21 [2]
Yagmur S. Gök	1	0	GokPTGO23 [307]
Yagmur S. Gök	1	2	GokGSTO20 [306]
ERLENDER S. THORSTEINS- SON	1	30	HookerOTK00 [377]
David Sacramento	1	2	SacramentoSP20 [645]
Norman Sadeh	1	95	SadehF96 [646]
Shahram Saeidi	1	1	AlizdehS20 [20]
Abderrahim Sahli	1	3	CarlierSJP21 [172]
A. Sahli	1	6	CarlierPSJ20 [167]
Poonam Saini	1	3	PandeyS21a [592]
Fabio Salassa	1	0	AlferiGPS23 [19]
Amir Salehipour	1	0	EtminaniesfahaniGNMS22 [249]
Sophia Saller	1	2	KoehlerBFFHPSSS21 [428]
Anastasia Salyaeva	1	2	KoehlerBFFHPSSS21 [428]
Guido Sand	1	381	HarjunkoskiMBC14 [347]
Maria Sander	1	3	FriedrichFMRSS14 [274]
Eric Sanlaville	1	7	PoderBS04 [608]
Óscar Sapena	1	22	GarridoOS08 [283]
Özge Satir Akpunar	1	0	IsikYA23 [398]
Abdul Sattar	1	4	RiahiNS018 [630]
Peter Scheiblechner	1	2	KoehlerBFFHPSSS21 [428]
Klaus Schild	1	23	SchildW00 [652]
Thomas Schlechte	1	10	HeinzSSW12 [361]
Hans Schlenker	1	5	Wolfs05a [767]
Thorsten Schmidt	1	1	BenderWS21 [103]
Günter Schmidt	1	38	BlazewiczEP19 [119]
Philipp Schrott-Kostwein	1	0	KovacsTKSG21 [441]
Uwe Schwiigelshohn	1	4	LimtanyakulS12 [475]
Lena Secher Ejlersen	1	41	PourDERB18 [612]
Evgeny Selensky	1	0	BeckPS03 [87]
Thiago Serra	1	0	SerraNM12 [667]

Table 8: Co-Authors of Articles/Papers

Author	Nr Works	Nr Cites	Entries
Nilay Shah	1	48	RoePS05 [638]
Yufen Shao	1	48	GoelSHFS15 [305]
Xinyu Shao	1	2	ChenGPSH10 [183]
Ganquan Shi	1	2	ShiYXQ22 [670]
Zhongshun Shi	1	12	QinWSLS21 [619]
Leyuan Shi	1	12	QinWSLS21 [619]
Stuart Siegel	1	1	DavenportKRSH07 [205]
Maria Silvia Pini	1	1	GelainPRVW17 [295]
Vanessa Simard	1	0	BoudreaultSLQ22 [144]
Pawel Sitek	1	0	WikarekS19 [762]
M. Slusky	1	48	GoelSHFS15 [305]
Kate Smith-Miles	1	3	EdwardsBSE19 [237]
Sonia Sobieraj	1	0	RodriguezS09 [637]
Juha-Pekka Soininen	1	2	QuSN06 [622]
Junbo Son	1	1	ZhuSZW23 [799]
Xiaoqing Song	1	1	ZhangLS12 [794]
Shahabeddin Sotudian	1	55	ZarandiASC20 [784]
Francis Sourd	1	7	SourdN00 [685]
Helge Spieker	1	6	MossigeGSMC17 [544]
Samuel Squillaci	1	0	SquillaciPR23 [686]
Andreas Starzacher	1	3	FriedrichFMRSS14 [274]
Wolfgang Steigerwald	1	0	GeitzGSSW22 [294]
Rüdiger Stephan	1	10	HeinzSSW12 [361]
Malgorzata Sterna	1	38	BlazewiczEP19 [119]
Gary Strohm	1	0	FoxAS82 [269]
Robin Stöhr	1	0	GeitzGSSW22 [294]
Christian Stürck	1	0	HubnerGSV21 [395]
Kaile Su	1	4	RiahiNS018 [630]
Wei Su	1	1	MakMS10 [508]
Kemal Subulan	1	5	SubulanC22 [687]
Premysl Sucha	1	2	BenediktSMVH18 [106]
Ipek Sugut	1	0	OrnekOS20 [583]
Quanxin Sun	1	24	TangLWSK18 [699]
Zheng Sun	1	4	SunLYL10 [690]
Defeng Sun	1	31	SunTB19 [688]
Suresh Sundaram	1	12	SureshMOK06 [691]
Pavel Surynek	1	2	BartakCS10 [69]
Jirí Svancara	1	0	SvancaraB22 [692]
Ria Szeredi	1	9	SzerediS16 [693]
Alina Sirbu	1	1	GalleguillosKSB19 [279]
Willian T. Lunardi	1	30	LunardiBLRV20 [500]
T. Taimre	1	0	ForbesHJST24 [267]
Yingcong Tan	1	1	TanT18 [695]
Siyu Tang	1	7	VlkHT21 [750]
Yuanjie Tang	1	24	TangLWSK18 [699]
Jia-Fu Tang	1	2	LiuGT10 [478]
Fabio Tardivo	1	0	TardivoDFMP23 [700]
Armagan Tarim	1	6	RossiTHP07 [643]
Ehsan Tarkesh Esfahani	1	7	YounespourAKE19 [774]
Reza Tavakkoli-Moghaddam	1	2	NouriMHD23 [731]
Nikolay Tchernev	1	4	BourreauGGLT22 [146]
Paolo Terenziani	1	1	BrusoniCLMMT96 [154]
Willian Tessaro Lunardi	1	0	Lunardi20 [501]
Stephan Teuschl	1	0	FrohnerTR19 [277]
George Theodoridis	1	4	EmeretlisTAV17 [244]

Table 8: Co-Authors of Articles/Papers

Author	Nr Works	Nr Cites	Entries
Jordan Ticktin	1	0	HillTV21 [373]
Kevin Tierney	1	16	KelarevaTK13 [420]
Christian Timpe	1	42	Timpe02 [713]
Mary Tom	1	0	Tom19 [714]
Seyda Topaloglu	1	46	TopalogluO11 [715]
David Tormey	1	3	AwadMDMT22 [48]
Miguel Toro	1	7	ValleMGTO3 [732]
Philippe Torres	1	26	TorresL00 [716]
Meriem Touat	1	0	TouatBT22 [717]
Touraivane	1	2	Touraivane95 [718]
H������ Toussaint	1	0	ArtiguesHQT21 [39]
Yvon Trinquet	1	33	CambazardHJDJT04 [160]
Mariem Trojet	1	11	TrojetHL11 [727]
Hoang Trung La	1	1	BriandHHL08 [149]
Paul Tyler	1	0	HebrardTW05 [355]
Jumyung Um	1	1	ParkUJR19 [596]
David Urbach	1	61	RoshanaeiLAU17 [640]
Sasha Van Cauwelaert	1	2	CauwelaertDS20 [179]
Rowan Van Schaeren	1	20	ZampelliVSDR13 [782]
Yannis Vergados	1	20	ZampelliVSDR13 [782]
Thierry Vidal	1	58	BidotVLB09 [116]
Karen Villaverde	1	0	VillaverdeP04 [749]
Mariona Vil��	1	6	YuraszeckMPV22 [779]
Jo��o Vitor Moccellini	1	5	AbreuAPNM21 [207]
Rebekka Volk	1	0	HubnerGSV21 [395]
Holger Voos	1	30	LunardiBLRV20 [500]
Nikolaos Voros	1	4	EmeretlisTAV17 [244]
Thomas W. M. Vossen	1	0	HillTV21 [373]
John W. Fowler	1	21	HamFC17 [338]
Kai Waelti	1	2	KoehlerBFFHPSSS21 [428]
Runsen Wang	1	12	QinWSLS21 [619]
Futian Wang	1	24	TangLWSK18 [699]
Shouyang Wang	1	49	ZhangW18 [793]
Tao Wang	1	36	WangMD15 [757]
Yi Wang	1	8	GuoHLW20 [330]
Yingying Wang	1	40	TanZWGQ19 [697]
Dazhi Wang	1	1	TanSD10 [696]
Chang-Jung Wang	1	57	LiuW11 [479]
Junjie Wang	1	0	LuZZYW24 [498]
Ezra Wari	1	11	WariZ19 [758]
John Wassick	1	381	HarjunkoskiMBC14 [347]
Jan Weglarz	1	38	BlazewiczEP19 [119]
Kong Wei Lye	1	0	LauLN08 [460]
G. Weil	1	56	WeilHFP95 [760]
Johan Wess��n	1	2	WessenCS20 [761]
Rados��aw Wichniarek	1	0	CzerniachowskaWZ23 [197]
Jaroslav Wikarek	1	0	WikarekS19 [762]
Campbell Wilson	1	6	He0GLW18 [352]
Michael Winkler	1	10	HeinzSSW12 [361]
David Wittwer	1	1	BenderWS21 [103]
Kati Wolter	1	80	AchterbergBKW08 [6]
Keith Womer	1	113	LiW08 [468]
Jianguo Wu	1	1	ZhuSZW23 [799]
Cheng-Hung Wu	1	14	Natta��DYW19 [563]
J��rg W��rtz	1	23	SchildW00 [652]

Table 8: Co-Authors of Articles/Papers

Author	Nr Works	Nr Cites	Entries
Quanshi Xia	1	13	ChuX05 [185]
Hegen Xiong	1	18	FanXG21 [258]
Zhou Xu	1	5	LimRX04 [471]
Yang Xu	1	2	ShiYXQ22 [670]
Tanya Y. Tang	1	6	TangB20 [698]
Sudhakar Y. Reddy	1	3	ReddyFIBKAJ11 [626]
El Yaakoubi Anass	1	0	FallahiAC20 [257]
Hong Yan	1	8	HookerY02 [392]
Moli Yang	1	1	YangSS19 [773]
Zhouwang Yang	1	2	ShiYXQ22 [670]
Caiyun Yang	1	0	LuZZYW24 [498]
Jia-Sheng Yao	1	2	HoYCLLC18 [375]
Min Yao	1	4	SunLYL10 [690]
Seung Yeob Shin	1	9	ShinBBHO18 [671]
Vassilios Yfantis	1	3	KlankeBYE21 [426]
Maryam Younespour	1	7	YounespourAKE19 [774]
Chunxia Yu	1	6	ZhangYW21 [792]
Xinghuo Yu	1	11	MartinPY01 [519]
Oleg Yu. Gusikhin	1	1	BarlattCG08 [65]
Claude Yugma	1	14	NattafDYW19 [563]
Peter Yun Zhang	1	8	TranPZLDB18 [722]
Pinar Yunusoglu	1	20	YunusogluY22 [777]
Marco Zaffalon	1	28	Darby-DowmanLMZ97 [203]
Boukhalifa Zahout	1	0	Zahout21 [781]
Bahram Zarrin	1	0	BarzegaranZP20 [76]
L.J. Zeballos	1	41	Zeballos10 [785]
Shohre Zehtabian	1	0	EmdeZD22 [243]
Mengjie Zhang	1	0	abs-2402-00459 [567]
Haotian Zhang	1	0	ZhangJZL22 [790]
Luping Zhang	1	6	ZhangYW21 [792]
Sicheng Zhang	1	49	ZhangW18 [793]
Xujun Zhang	1	1	ZhangLS12 [794]
Lihui Zhang	1	18	ZouZ20 [802]
Jiachen Zhang	1	1	ZhangBB22 [791]
Xi Zhang	1	1	ZhuSZW23 [799]
Yu Zhang	1	0	LuZZYW24 [498]
Lanbo Zheng	1	0	LuZZYW24 [498]
Jinlian Zhou	1	0	ZhouGL15 [797]
MengChu Zhou	1	40	TanZWGQ19 [697]
Weihang Zhu	1	11	WariZ19 [758]
Jianjun Zhu	1	0	GuoZ23 [331]
Xuedong Zhu	1	1	ZhuSZW23 [799]
Pawel Zielinski	1	13	FortinZDF05 [268]
Jürgen Zimmermann	1	25	KreterSSZ18 [444]
Xin Zou	1	18	ZouZ20 [802]
Mathijs de Weerd	1	1	BogaerdW19 [734]
Bruno de Athayde Prata	1	5	AbreuAPNM21 [207]
Roman van der Krogt	1	2	KrogtLPHJ07 [735]
Pim van den Bogaerd	1	1	BogaerdW19 [734]
Willem-Jan van Hoeve	1	12	HookerH17 [391]
F.A. van der Schoot	1	0	ForbesHJST24 [267]
Stefano Di Alesio	1	3	AlesioNBG14 [222]
Sonia Sobieraj Richard	1	1	MarliereSPR23 [517]
Ulas Özen	1	8	TerekhovDOB12 [705]
Selin Özpeynirci	1	31	GokgurHO18 [308]

Table 8: Co-Authors of Articles/Papers

Author	Nr Works	Nr Cites	Entries
Cemalatin Öztürk	1	5	OzturkTHO12 [588]
Nahum Álvarez	1	0	PovedaAA23 [613]
Seán Óg Murphy	1	1	MurphyMB15 [549]
Gizem Çakır	1	5	SubulanC22 [687]
Krzysztof Żywicki	1	0	CzerniachowskaWZ23 [197]

5 Most Cited Works

Table 9: Works from bibtex (Total 30)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
JainM99 JainM99	A. Jain, S. Meeran	Deterministic job-shop scheduling: Past, present and future	Yes	[400]	1999	European Journal of Operational Research	45	490	150	1517	1995
MintonJPL92 MintonJPL92	S. Minton, Mark D. Johnston, Andrew B. Philips, P. Laird	Minimizing conflicts: a heuristic repair method for constraint satisfaction and scheduling problems	No	[537]	1992	Artificial Intelligence	null	437	13	No	2019
HarjunkoskiMBC14 HarjunkoskiMBC14	I. Harjunkoski, Christos T. Maravelias, P. Bongers, Pedro M. Castro, S. Engell, Ignacio E. Grossmann, John N. Hooker, C. Méndez, G. Sand, J. Wassick	Scope for industrial applications of production scheduling models and solution methods	Yes	[347]	2014	Computers Chemical Engineering	33	381	176	1500	1859
BlazewiczDP96 BlazewiczDP96	J. Błażewicz, W. Domschke, E. Pesch	The job shop scheduling problem: Conventional and new solution techniques	Yes	[157]	1996	European Journal of Operational Research	33	344	127	1442	2009
HookerO03 HookerO03	John N. Hooker, G. Ottosson	Logic-based Benders decomposition	Yes	[390]	2003	Mathematical Programming	28	317	0	1512	1960
Davis87 Davis87	E. Davis	Constraint propagation with interval labels	No	[206]	1987	Artificial Intelligence Book	null	308	21	No	2022
BaptistePN01 BaptistePN01	P. Baptiste, Claude Le Pape, W. Nuijten	Constraint-Based Scheduling	No	[63]	2001	Book	null	296	0	No	n/a
JainG01 JainG01	V. Jain, Ignacio E. Grossmann	Algorithms for Hybrid MILP/CP Models for a Class of Optimization Problems	Yes	[401]	2001	INFORMS Journal on Computing	19	279	23	1516	1973
AggounB93 AggounB93	A. Aggoun, N. Beldiceanu	Extending CHIP in order to solve complex scheduling and placement problems	Yes	[11]	1993	Mathematical and Computer Modelling	17	187	11	1409	2018
Hooker00 Hooker00	John N. Hooker	Logic Based Methods for Optimization: Combining Optimization and Constraint Satisfaction	No	[378]	2000	Book	null	185	0	No	n/a
Hooker07 Hooker07	John N. Hooker	Planning and Scheduling by Logic-Based Benders Decomposition	Yes	[386]	2007	Operations Research	29	181	19	1510	1941
HarjunkoskiG02 HarjunkoskiG02	I. Harjunkoski, Ignacio E. Grossmann	Decomposition techniques for multistage scheduling problems using mixed-integer and constraint programming methods	Yes	[345]	2002	Computers Chemical Engineering	20	169	11	1499	1965
BeldiceanuC94 BeldiceanuC94	N. Beldiceanu, E. Contejean	Introducing Global Constraints in CHIP	Yes	[100]	1994	Mathematical and Computer Modelling	27	167	8	1435	2016
Ham18 Ham18	Andy M. Ham	Integrated scheduling of m-truck, m-drone, and m-depot constrained by time-window, drop-pickup, and m-visit using constraint programming	Yes	[341]	2018	Transportation Research Part C: Emerging Technologies	14	164	14	1495	1806
LaborieRSV18 LaborieRSV18	P. Laborie, J. Rogerie, P. Shaw, P. Vilím	IBM ILOG CP optimizer for scheduling - 20+ years of scheduling with constraints at IBM/ILOG	Yes	[453]	2018	Constraints An Int. J.	41	148	35	1537	1809
Laborie03 Laborie03	P. Laborie	Algorithms for propagating resource constraints in AI planning and scheduling: Existing approaches and new results	Yes	[450]	2003	Artificial Intelligence	38	128	10	1535	1963
OhrimenkoSC09 OhrimenkoSC09	O. Ohrimenko, Peter J. Stuckey, M. Codish	Propagation via lazy clause generation	Yes	[581]	2009	Constraints An Int. J.	35	127	15	1587	1924
KuB16 KuB16	W. Ku, J. Christopher Beck	Mixed Integer Programming models for job shop scheduling: A computational analysis	Yes	[445]	2016	Computers Operations Research	9	119	17	1533	1834
Rodriguez07 Rodriguez07	J. Rodriguez	A constraint programming model for real-time train scheduling at junctions	Yes	[634]	2007	Transportation Research Part B: Methodological	15	117	6	1605	1943

Table 9: Works from bibtex (Total 30)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
MaraveliasCG04 MaraveliasCG04	Christos T. Maravelias, Ignacio E. Grossmann	A hybrid MILP/CP decomposition approach for the continuous time scheduling of multipurpose batch plants	No	[515]	2004	Computers Chemical Engineering	null	116	24	No	1957
LiW08 LiW08	H. Li, K. Womer	Scheduling projects with multi-skilled personnel by a hybrid MILP/CP benders decomposition algorithm	Yes	[468]	2008	Journal of Scheduling	18	113	31	1541	1933
CorreaLR07 CorreaLR07	Ayoub Insa Corréa, A. Langevin, L. Rousseau	Scheduling and routing of automated guided vehicles: A hybrid approach	Yes	[196]	2007	Computers Operations Research	20	106	20	1460	1940
Kuchcinski03 Kuchcinski03	K. Kuchcinski	Constraints-driven scheduling and resource assignment	No	[446]	2003	ACM Transactions on Design Automation of Electronic Systems	null	105	15	No	1961
MengZRZL20 MengZRZL20	L. Meng, C. Zhang, Y. Ren, B. Zhang, C. Lv	Mixed-integer linear programming and constraint programming formulations for solving distributed flexible job shop scheduling problem	Yes	[529]	2020	Computers Industrial Engineering	13	100	62	1562	1767
BensanaLV99 BensanaLV99	E. Bensana, M. Lemaître, G. Verfaillie	Earth Observation Satellite Management	Yes	[113]	1999	Constraints An Int. J.	7	99	0	1440	1993
Pape94 Pape94	Claude Le Pape	Implementation of resource constraints in ILOG SCHEDULE: a library for the development of constraint-based scheduling systems	Yes	[593]	1994	Intelligent Systems Engineering	34	98	0	1596	2017
SadehF96 SadehF96	N. Sadeh, Mark S. Fox	Variable and value ordering heuristics for the job shop scheduling constraint satisfaction problem	No	[646]	1996	Artificial Intelligence	null	95	17	No	2012
Hooker02 Hooker02	John N. Hooker	Logic, Optimization, and Constraint Programming	No	[379]	2002	INFORMS Journal on Computing	null	94	84	No	1966
HookerO99 HookerO99	J. Hooker, M. Osorio	Mixed logical-linear programming	No	[376]	1999	Discrete Applied Mathematics	null	92	48	No	1994
JussienL02 JussienL02	N. Jussien, O. Lhomme	Local search with constraint propagation and conflict-based heuristics	Yes	[406]	2002	Artificial Intelligence	25	88	16	1519	1967

6 Problem Classification

Table 10: Problem Classification Types

Code	Name
JSSP	Job-Shop Scheduling Problem
JSPT	Job-Shop Scheduling Problem with Transportation
PP-MS-MMRCPPSP/max-cal	partially preemptive- multi-skill/mode resource-constrained project scheduling problem with generalized precedence relations and resource calendars
RCPSP	Resource Constrained Project Scheduling Problem
TMS	Transmission Network Maintenance Planning
PMSP	Parallel Machine Scheduling Problem
HFF	Hybrid Flexible Flow-shop
$HFFm tt C_{\max}$	Hybrid Flexible Flowshop with Transportation Times
OSP	Oven Scheduling Problem
PTC	Scheduling Problem with Time Constraints
GCSP	Group Cumulative Scheduling Problem
2BPHFSP	Two-Stage Bin Packing and Hybrid Flow Shop Scheduling Problem
CTW	Cable Tree Wiring Problem
CHSP	Cyclic Hoist Scheduling Problem
CECSP	Continuous Energy-Constrained Scheduling Problem
CuSP	Cumulative Scheduling Problem
SBSFMMAL	Simultaneous Balancing and Scheduling of Flexible Mixed Model Assembly Lines
SMSDP	steel mill slab design problem
KRFP	kernel resource feasibility problem
TCSP	Temporal Constraint Satisfaction Problem
PJSSP	Pre-emptive Job-Shop scheduling Problem
MGAP	Modified Generalized Assignment Problem
EOSP	Earth Observation Scheduling Problem
SCC	Steel-making and continuous casting
OSSP	Open Shop Scheduling Problem
FJS	Fixed Job Scheduling
RCPSPDC	Resource-constrained Project Scheduling Problem with Discounted Cashflow
LSFRP	Liner Shipping Fleet Repositioning Problem
BPCTOP	Bulk Port Cargo Throughput Optimisation Problem

7 Concept Matching

In order to automatically find out properties of the articles, we try to find certain concepts in the pdf versions of the articles. We manually defined an ontology of important concepts to look for, and defined regular expressions that would recognize these concepts in the text. We use the *pdfgrep* command to search for the number of occurrences of certain regular expressions in the files. This often clearly identifies the constraints used in the model. We group the results by number of occurrences of the concept in the text of the work. Note that this is only approximate, as we do include the full pdf file in the search. A concept might only be mentioned in some of the title of citations used in the paper, we do count them in our results, as we were not able to remove the bibliography from the main body of the work.

Overall, if a work is not mentioned as using the concept, the the text does not contain a match to the corresponding regular expression. A fundamental limitation of this approach is that it only really works for text written in the language the regular expressions are designed for (in our case English), and not those written in another language. We could overcome this limitation by defining all concepts in other languages as well, and then using a language flag to identify the language the text is written in.

Note that we only show the first 30 matching entries in each concept category, and list the total number of matches if there are more than 30 matches.

7.1 Concept Type Concepts

Table 11: Works for Concepts of Type Concepts

Type	Keyword	High	Medium	Low
Concepts	Allen's algebra			
Concepts	BOM	SubulanC22 [687], OrnekO16 [582]		HoundjiSW19 [393], abs-1902-01193 [17]
Concepts	Benders Decomposition	ForbesHJST24 [267], JuvinHL23a [410], GuoZ23 [331], ZhuSZW23 [799], NaderiBZ23 [555], JuvinHL22 [408], EmdeZD22 [243], ElciOH22 [239], NaderiBZ22a [552], NaderiBZ22 [554], VlKHT21 [750], RoshanaeiBAUB20 [639], Hooker19 [389], TanT18 [695], GombolayWS18 [312], GoldwaserS18 [310], GomesM17 [314], HookerH17 [391], CireCH16 [187], Froger16 [276], HechingH16 [357], TranAB16 [719], BajestaniB15 [53], BajestaniB13 [52], CireCH13 [186], HeinzKB13 [360], TranB12 [720], LombardiM12 [489], LimtanyakulS12 [475]... (Total: 56)	LuZZYW24 [498], NaderiRR23 [558], TangB20 [698], Laborie18a [452], TranVNB17 [724], RoshanaeiLAU17 [640], GoldwaserS17 [309], HarjunkoskiMBC14 [347], GuyonLPR12 [333], LombardiMRB10 [492], BeniniLMR08 [110], Hooker05a [382], HookerY02 [392]	PrataAN23 [616], PovedaAA23 [613], AlfieriGPS23 [19], JuvinHHL23 [407], LuoB22 [503], FarsiTM22 [259], Godet21a [303], Mercier-AubinGQ20 [532], Polo-MejiaALB20 [610], QinDCS20 [620], WallaceY20 [754], MengZRZL20 [529], AntunesABD20 [24], MurinR19 [548], FrimodigS19 [275], LaborieRSV18 [453], CappartTSR18 [164], AntunesABD18 [23], BoothNB16 [139], FontaineMH16 [266], Fahimi16 [253], EvenSH15a [251], BurtLPS15 [156], EvenSH15 [250], LipovetzkyBPS14 [476], KoschB14 [433], LaborieR14 [454], BlomBPS14 [121], KelarevaTK13 [420]... (Total: 41)
Concepts	Logic-Based Decomposition	Benders ForbesHJST24 [267], GuoZ23 [331], ZhuSZW23 [799], JuvinHL23a [410], ElciOH22 [239], JuvinHL22 [408], EmdeZD22 [243], NaderiBZ22a [552], VlKHT21 [750], Hooker19 [389], GoldwaserS18 [310], TanT18 [695], HookerH17 [391], HechingH16 [357], CireCH16 [187], TranAB16 [719], BajestaniB15 [53], HeinzKB13 [360], BajestaniB13 [52], CireCH13 [186], TranB12 [720], LombardiM12 [489], BeniniLMR11 [111], BajestaniB11 [51], CobanH11 [191], Beck10 [80], Hooker07 [386], Hooker05 [381], Hooker04 [380], HookerO03 [390]	NaderiBZ23 [555], NaderiRR23 [558], NaderiBZ22 [554], RoshanaeiBAUB20 [639], TangB20 [698], Laborie18a [452], GoldwaserS17 [309], Froger16 [276], HeinzB12 [359], GuyonLPR12 [333], Lombardi10 [482], CobanH10 [190], MilanoW09 [536], BeniniLMR08 [110], BeniniLMMR08 [109], CorreaLR07 [196], Hooker06 [384], HookerY02 [392]	PrataAN23 [616], JuvinHHL23 [407], FarsiTM22 [259], Mercier-AubinGQ20 [532], QinDCS20 [620], WallaceY20 [754], MurinR19 [548], CappartTSR18 [164], GombolayWS18 [312], AntunesABD18 [23], LaborieRSV18 [453], GomesM17 [314], TranVNB17 [724], RoshanaeiLAU17 [640], FontaineMH16 [266], BoothNB16 [139], Fahimi16 [253], KoschB14 [433], HarjunkoskiMBC14 [347], LaborieR14 [454], LozanoCDS12 [497], TerekhovDOB12 [705], EdisO11 [235], HachemiGR11 [334], KovacsK11 [438], LombardiMRB10 [492], LombardiM10a [486], RuggieroBBMA09 [644], RodriguezS09 [637]... (Total: 42)
Concepts	Pareto	FarsiTM22 [259], Zahout21 [781], Lemos21 [463], ZarandiASC20 [784], Dejemeppe16 [213], KovacsK11 [438]	YounespourAKE19 [774], DejemeppeD14 [215], HeckmanB11 [358]	CzerniachowskaWZ23 [197], LacknerMMWW23 [456], GokPTGO23 [307], JuvinHL23a [410], JuvinHL22 [408], WinterMMW22 [763], OrnekOS20 [583], Lunardi20 [501], AntuoriHHEN20 [25], GurEA19 [803], EscobetQPRA19 [247], CappartTSR18 [164], GomesM17 [314], Froger16 [276], BridiBLMB16 [150], HarjunkoskiMBC14 [347], RuggieroBBMA09 [644], Baptiste02 [56], VanczaM01 [737], FocacciLN00 [264]

Table 11: Works for Concepts of Type Concepts

Type	Keyword	High	Medium	Low
Concepts	activity	TardivoDFMP23 [700], GokPTGO23 [307], PovedaAA23 [613], AalianPG23 [1], PenzDN23 [598], MarliereSPR23 [517], CampeauG22 [162], SvancaraB22 [692], TouatBT22 [717], SubulanC22 [687], BenderWS21 [103], KlankeBYE21 [426], Astrand21 [44], HubnerGSV21 [395], Godet21a [303], ZarandiASC20 [784], CauwelaertDS20 [179], HauderBRPA20 [351], Polo-MejiaALB20 [610], AstrandJZ20 [47], BadicaBI20 [49], ZouZ20 [802], ThomasKS20 [711], abs-1902-09244 [350], GeibingerMM19 [292], NattafHKAL19 [564], YounespourAKE19 [774], Caballero19 [158], BadicaBIL19 [50]... (Total: 178)	BonninMNE24 [138], YuraszeckMCCR23 [780], AfsarVPG23 [10], Bit-Monnot23 [118], BoudreaultSLQ22 [144], PopovicCGNC22 [611], Lunardi20 [501], LunardiBLRV20 [500], AntunesABD20 [24], GokGSTO20 [306], Hooker19 [389], EscobetPQPRA19 [247], Novas19 [572], YangSS19 [773], ShinBBHO18 [671], SchuttS16 [664], BoothNB16 [139], OrnekO16 [582], TranWDRFOVB16 [726], VilimLS15 [748], Derrien15 [219], GoelSHFS15 [305], HarjunkoskiMBC14 [347], DoulabiRP14 [232], LaborieR14 [454], LombardiM13 [490], LombardiMB13 [491], Clercq12 [210], BonfiettiM12 [136]... (Total: 54)	PrataAN23 [616], GuoZ23 [331], JuvinHL23a [410], abs-2312-13682 [600], CzerniachowskaWZ23 [197], ShaikhK23 [668], SquillaciPR23 [686], abs-2305-19888 [365], PerezGSL23 [599], PohlAK22 [609], OuelletQ22 [586], MullerMKP22 [547], JuvinHL22 [408], YunusogluY22 [777], HeinzNVH22 [364], abs-2211-14492 [689], HebrardALLCMR22 [353], EtminaniefahaniGNMS22 [249], Groleaz21 [322], HillTV21 [373], Zahout21 [781], GeibingerMM21 [293], Astrand0F21 [45], ZhangYW21 [792], PandeyS21a [592], QinDCS20 [620], Mercier-AubinGQ20 [532], SacramentoSP20 [645], RoshanaeiBAUB20 [639]... (Total: 94)
Concepts	batch process	LacknerMMWW23 [456], LacknerMMWW21 [455], QinWSLS21 [619], ZarandiASC20 [784], HamC16 [342], NovaraNH16 [571], KoschB14 [433], HarjunkoskiMBC14 [347], Malapert11 [509]	TangB20 [698], NovasH10 [573], Vilim02 [739], SimonisC95 [682]	PrataAN23 [616], IsikYA23 [398], Adelgren2023 [9], YuraszeckMCCR23 [780], MullerMKP22 [547], SvancaraB22 [692], EmdeZD22 [243], LiFJZLL22 [469], ColT22 [199], AbreuN22 [208], GeitzGSSW22 [294], YunusogluY22 [777], OujanaAYB22 [587], LuoB22 [503], FanXG21 [258], ZhangYW21 [792], KlankeBYE21 [426], MengZRZL20 [529], Lunardi20 [501], CauwelaertDS20 [179], EscobetPQPRA19 [247], FahimiOQ18 [254], Ham18a [335], Ham18 [341], LaborieRSV18 [453], Fahimi16 [253], CauwelaertDMS16 [176], Dejemeppe16 [213], Froger16 [276]... (Total: 37)
Concepts	bi-objective	ZarandiASC20 [784]	IsikYA23 [398], AbreuPNF23 [3], YunusogluY22 [777], HillTV21 [373], Lemos21 [463], NattafM20 [565], Dejemeppe16 [213], DejemeppeD14 [215]	PrataAN23 [616], LuZZYW24 [498], AfsarVPG23 [10], GurPAE23 [332], Mehdizadeh-Somarin23 [522], NaderiRR23 [558], abs-2305-19888 [365], GokPTGO23 [307], MullerMKP22 [547], PopovicCGNC22 [611], HeinzNVH22 [364], AbreuN22 [208], FarsiTM22 [259], WinterMMW22 [763], EmdeZD22 [243], Groleaz21 [322], VlKHT21 [750], Zahout21 [781], HamPK21 [340], HauderBRPA20 [351], GokGSTO20 [306], MejiaY20 [523], Lunardi20 [501], LunardiBLRV20 [500], RoshanaeiBAUB20 [639], WallaceY20 [754], MalapertN19 [512], abs-1902-09244 [350], HamC16 [342]... (Total: 31)
Concepts	bill of material		OrnekO16 [582]	Simonis07 [680]
Concepts	blocking constraint	AbreuNP23 [209], RiahiNS018 [630]		IsikYA23 [398], LiFJZLL22 [469], MengZRZL20 [529], RodriguezS09 [637], Rodriguez07b [635], Rodriguez07 [634]
Concepts	breakdown	Groleaz21 [322], FanXG21 [258], ZarandiASC20 [784], LaborieRSV18 [453], ZhangW18 [793], Froger16 [276], BartakV15 [72], NovasH10 [573], BidotVLB09 [116]	Lunardi20 [501], GombolayWS18 [312], RoshanaeiLAU17 [640], BajestaniB15 [53], ThiruvadyWGS14 [710], HarjunkoskiMBC14 [347], BajestaniB13 [52], BajestaniB11 [51], Elkhyari03 [240], MartinPY01 [519]	Fatemi-AnarakiTFV23 [260], JuvinHL23 [409], PenzDN23 [598], IsikYA23 [398], SubulanC22 [687], MullerMKP22 [547], ColT22 [199], YunusogluY22 [777], MullerMKP22 [547], AbreuAPNM21 [207], Astrand21 [44], AstrandJZ20 [47], HauderBRPA20 [351], abs-1902-09244 [350], MalapertN19 [512], GedikKEK18 [288], CappartS17 [163], ZarandiKS16 [783], CireCH16 [187], OzturkTHO15 [591], LaborieR14 [454], LipovetzkyBPS14 [476], BegB13 [93], OzturkTHO13 [590], NovasH12 [574], BeckFW11 [83], KovacsK11 [438], ZeballosQH10 [787], Laborie09 [451]... (Total: 36)
Concepts	buffer-capacity		SureshMOK06 [691]	LiFJZLL22 [469], OujanaAYB22 [587], RiahiNS018 [630], BonfiettiLBM14 [133], NovasH14 [575], TerekhovTDB14 [706], ZeballosH05 [786]

Table 11: Works for Concepts of Type Concepts

Type	Keyword	High	Medium	Low
Concepts	cmax	Fatemi-AnarakiTFV23 [260], YuraszeckMCCR23 [780], KameugneFND23 [415], NaderiRR23 [558], ZhuSZW23 [799], JuvinHHL23 [407], AbreuNP23 [209], YuraszeckMC23 [778], abs-2305-19888 [365], IsikYA23 [398], FetgoD22 [262], EtminaniesfahaniGNMS22 [249], AbreuN22 [208], abs-2211-14492 [689], YunusogluY22 [777], JuvinHL22 [408], ZhangBB22 [791], ArmstrongGOS21 [32], Godet21a [303], QinWSLS21 [619], Groleaz21 [322], AbohashimaEG21 [2], Polo-MejiaALB20 [610], MejiaY20 [523], MengZRZL20 [529], Lunardi20 [501], QinDCS20 [620], GodetLHS20 [304], YounespourAKE19 [774]... (Total: 66)	Mehdizadeh-Somarin23 [522], MullerMKP22 [547], ArmstrongGOS22 [33], BoudreaultSLQ22 [144], AbreuAPNM21 [207], HamPK21 [340], ArkhipovBL19 [31], Novas19 [572], ParkUJR19 [596], ArbaouiY18 [29], GrimesH15 [319], WangMD15 [757], ZhouGL15 [797], MenciaSV13 [526], MenciaSV12 [525], ZhangLS12 [794], BeckFW11 [83], OzturkTHO10 [589], BartakSR10 [71], MoffittPP05 [538], Muscettola02 [550], SourdN00 [685], ArtiguesR00 [42]	JuvinHL23 [409], Teppan22 [704], ZhangYW21 [792], HananKP21 [344], HubnerGSV21 [395], ZarandiASC20 [784], GokgurHO18 [308], LiuCGM17 [480], BofillCSV17 [127], OrnekO16 [582], SialaAH15 [674], SchnellH15 [653], KoschB14 [433], LombardiMB13 [491], SchuttFSW13 [662], Letort13 [464], MalapertCGJLR13 [511], TerekhovDOB12 [705], GuSW12 [329], Schutt11 [655], abs-1009-0347 [660], LiessM08 [470], WatsonB08 [759], AkkerDH07 [733], KeriK07 [422], KhayatLR06 [423], Laborie03 [450], BaptisteP00 [62], FocacciLN00 [264], BaptistePN99 [60]
Concepts	completion-time	PrataAN23 [616], BonninMNE24 [138], LuZZYW24 [498], AbreuNP23 [209], Mehdizadeh-Somarin23 [522], ZhuSZW23 [799], Fatemi-AnarakiTFV23 [260], AlfieriGPS23 [19], AbreuPNF23 [3], KameugneFND23 [415], JuvinHL23 [409], PenzDN23 [598], NaderiRR23 [558], NaderiBZ23 [555], EmdeZD22 [243], OuelletQ22 [586], FetgoD22 [262], YuraszeckMPV22 [779], JuvinHL22 [408], AbreuN22 [208], YunusogluY22 [777], SubulanC22 [687], NaderiBZ22 [554], KlankeBYE21 [426], Bedhief21 [92], Groleaz21 [322], Astrand21 [44], ArmstrongGOS21 [32], LunardiBLRV20 [500]... (Total: 95)	GokPTGO23 [307], AfsarVPG23 [10], CzerniachowskaWZ23 [197], abs-2305-19888 [365], LiFJZLL22 [469], ZhangBB22 [791], abs-2211-14492 [689], MullerMKP22 [547], ColT22 [199], Teppan22 [704], NaderiBZ22a [552], TouatBT22 [717], OujanaAYB22 [587], HeinzNVH22 [364], FanXG21 [258], GeibingerMM21 [293], QinWSLS21 [619], AbreuAPNM21 [207], HananKP21 [344], NattafM20 [565], Mercier-AubinGQ20 [532], Polo-MejiaALB20 [610], abs-1902-09244 [350], BogaardtW19 [734], GeibingerMM19 [292], ParkUJR19 [596], YangSS19 [773], abs-1911-04766 [291], MalapertN19 [512]... (Total: 62)	abs-2402-00459 [567], TasselGS23 [701], MontemanniD23a [542], AkramNHRSA23 [16], IsikYA23 [398], JuvinHHL23 [407], Adelgren2023 [9], abs-2306-05747 [702], PerezGSL23 [599], FarsiTM22 [259], PopovicCGNC22 [611], CampeauG22 [162], PohlAK22 [609], GeitzGSSW22 [294], ZhangJZL22 [790], WinterMMW22 [763], ArmstrongGOS22 [33], HubnerGSV21 [395], Zahout21 [781], VlkHT21 [750], HamPK21 [340], Godet21a [303], PandeyS21a [592], WessenCS20 [761], MengZRZL20 [529], GodetLHS20 [304], SacramentoSP20 [645], ZouZ20 [802], AstrandJZ20 [47]... (Total: 114)
Concepts	continuous-process	HarjunkoskiMBC14 [347]		FarsiTM22 [259], Dejemeppe16 [213], GaySS14 [287], Bartak02 [67], SimonisC95 [682]
Concepts	cyclic scheduling	OzturkTHO15 [591], BonfiettiLBM14 [133], HarjunkoskiMBC14 [347], BonfiettiLM13 [134], BonfiettiLBM12 [132], LombardiBMB11 [484], BonfiettiLBM11 [131]	Fatemi-AnarakiTFV23 [260], BonfiettiZLM16 [137], BonfiettiM12 [136], KorbaaYG99 [431], RodosekW98 [632]	YuraszeckMPV22 [779], WallaceY20 [754], MengZRZL20 [529], MusliuSS18 [551], FrankDT16 [271], OzturkTHO13 [590], OzturkTHO12 [588], Menana11 [524], Malik08 [513], Wallace06 [753], Mason01 [521]
Concepts	distributed	PrataAN23 [616], GuoZ23 [331], NaderiRR23 [558], Zahout21 [781], ZarandiASC20 [784], MengZRZL20 [529], He0GLW18 [352], GombolayWS18 [312], TranPZLDB18 [722], RoshanaeiLAU17 [640], BridiLBBM16 [151], BridiBLMB16 [150], ZhouGL15 [797], TerekhovTDB14 [706], BonfiettiLM14 [135], BartakS11 [70], BartakSR10 [71], LombardiMRB10 [492], WuBB09 [772], RuggieroBBMA09 [644], BeckW07 [91], HoeveGSL07 [736], RossiTHP07 [643], SureshMOK06 [691], GomesHS06 [313], Geske05 [298], BeniniBGM05 [107], CambazardHDJT04 [160], BeckW04 [89]... (Total: 31)	AbreuPNF23 [3], ShaikhK23 [668], MarliereSPR23 [517], GokPTGO23 [307], AbreuNP23 [209], IsikYA23 [398], JungblutK22 [405], NaderiBZ22a [552], OrnekOS20 [583], AbreuN22 [208], OujanaAYB22 [587], YuraszeckMPV22 [779], ElciOH22 [239], Godet21a [303], AbreuAPNM21 [207], GokGSTO20 [306], MokhtarzadehTNF20 [539], RoshanaeiBAUB20 [639], ZouZ20 [802], Caballero19 [158], NishikawaSTT19 [570], BorghesiBLMB18 [141], ZhangW18 [793], GomesM17 [314], BlomPS16 [122], ZarandiKS16 [783], GrimesH15 [319], HarjunkoskiMBC14 [347], BlomBPS14 [121]... (Total: 45)	ForbesHJST24 [267], LuZZYW24 [498], NaderiBZ23 [555], Bit-Monnot23 [118], MontemanniD23 [543], Adelgren2023 [9], abs-2305-19888 [365], SquillaciPR23 [686], Fatemi-AnarakiTFV23 [260], YuraszeckMC23 [778], ZhuSZW23 [799], KimCMLLP23 [425], AlfieriGPS23 [19], GurPAE23 [332], JuvinHL23a [410], AkramNHRSA23 [16], abs-2211-14492 [689], EmdeZD22 [243], NaderiBZ22 [554], TouatBT22 [717], Teppan22 [704], BoudreaultSLQ22 [144], ColT22 [199], LiFJZLL22 [469], FarsiTM22 [259], WinterMMW22 [763], ZhangBB22 [791], HeinzNVH22 [364], JuvinHL22 [408]... (Total: 143)

Table 11: Works for Concepts of Type Concepts

Type	Keyword	High	Medium	Low
Concepts	due-date	NaderiBZ23 [555], AfsarVPG23 [10], OujanaAYB22 [587], ColT22 [199], NaderiBZ22 [554], AntuoriHHEN21 [26], FanXG21 [258], Groleaz21 [322], AntuoriHHEN20 [25], ZarandiASC20 [784], TangB20 [698], HauderBRPA20 [351], Mercier-AubinGQ20 [532], Lunardi20 [501], AntunesABD20 [24], HoundjiSW19 [393], Novas19 [572], abs-1911-04766 [291], abs-1902-09244 [350], GoldwaserS18 [310], Tesch18 [708], GoldwaserS17 [309], Fahimi16 [253], NovaraNH16 [571], Dejemeppe16 [213], BajestaniB15 [53], DoulabiRP14 [232], HarjunkoskiMBC14 [347], KoschB14 [433]... (Total: 61)	PrataAN23 [616], IsikYA23 [398], LacknerMMWW23 [456], NaderiRR23 [558], YunusogluY22 [777], abs-2211-14492 [689], WinterMMW22 [763], Godet21a [303], LacknerMMWW21 [455], GeibingerMM21 [293], GroleazNS20a [323], GeibingerMM19 [292], AntunesABD18 [23], FahimiOQ18 [254], ZarandiKS16 [783], CatusseCBL16 [175], GrimesH15 [319], GrimesIOS14 [321], HeinzSB13 [363], CobanH11 [191], GrimesH11 [318], Malapert11 [509], LombardiM10a [486], Lombardi10 [482], MakMS10 [508], SchuttW10 [665], Davenport10 [204], ThiruvadyBME09 [709], abs-0907-0939 [605]... (Total: 45)	abs-2402-00459 [567], AbreuPNF23 [3], YuraszeckMC23 [778], JuvinHHL23 [407], KimCMLLP23 [425], TouatBT22 [717], YuraszeckMPV22 [779], ElciOH22 [239], ZhangJZL22 [790], SubulanC22 [687], MullerMKP22 [547], Astrand21 [44], HubnerGSV21 [395], VlkHT21 [750], KlankeBYE21 [426], Bedhief21 [92], KovacsTKSG21 [441], Zahout21 [781], HanenKP21 [344], MejiaY20 [523], Polo-MejiaALB20 [610], GroleazNS20 [324], LunardiBLRV20 [500], AstrandJZ20 [47], Hooker19 [389], ParkUJR19 [596], EscobetPQPRA19 [247], GokgurHO18 [308], GedikKEK18 [288]... (Total: 90)
Concepts	earliness	PrataAN23 [616], KimCMLLP23 [425], PohlAK22 [609], TouatBT22 [717], Groleaz21 [322], ZarandiASC20 [784], HauderBRPA20 [351], abs-1902-09244 [350], LaborieRSV18 [453], ZarandiKS16 [783], Dejemeppe16 [213], GrimesH15 [319], LaborieR14 [454], LombardiM12 [489], KelbelH11 [421], GrimesH11 [318], MonetteDH09 [541], Laborie09 [451], KeriK07 [422], BeckR03 [88], DannaP03 [201]	FarsiTM22 [259], AntunesABD20 [24], MengZRZL20 [529], TerekhovDOB12 [705], KovacsB11 [436], Davenport10 [204], PerronSF04 [601], Baptiste02 [56]	abs-2402-00459 [567], NaderiRR23 [558], AbreuNP23 [209], PenzDN23 [598], AlfieriGPS23 [19], LacknerMMWW23 [456], AbreuPNF23 [3], IsikYA23 [398], EtminaniesfahaniGNMS22 [249], YunusogluY22 [777], LacknerMMWW21 [455], FanXG21 [258], Polo-MejiaALB20 [610], Mercier-AubinGQ20 [532], ColT19 [194], AntunesABD18 [23], ZhangW18 [793], German18 [297], GokgurHO18 [308], KuB16 [445], NovaraNH16 [571], OrnekO16 [582], Siala15a [673], VilimLS15 [748], LimBTBB15 [473], Siala15 [672], SialaAH15 [674], HarjunkoskiMBC14 [347], BajestaniB13 [52]... (Total: 47)
Concepts	energy efficiency	PrataAN23 [616], PandeyS21a [592], RuggieroBBMA09 [644]	MarliereSPR23 [517], Zahout21 [781], BenediktMH20 [105], BridiBLMB16 [150], Lombardi10 [482]	LuZZYW24 [498], IsikYA23 [398], AbreuNP23 [209], abs-2211-14492 [689], Lemos21 [463], MengZRZL20 [529], ZarandiASC20 [784], TranPZLDB18 [722], NattafAL17 [561], Dejemeppe16 [213], LombardiMB13 [491], LombardiM12 [489], BeniniLMR11 [111]
Concepts	flow-shop	BonninMNE24 [138], PrataAN23 [616], NaderiRR23 [558], AlfieriGPS23 [19], IsikYA23 [398], AbreuPNF23 [3], AbreuNP23 [209], CzerniachowskaWZ23 [197], JuvinHL23 [409], ArmstrongGOS22 [33], AbreuN22 [208], LiFJZLL22 [469], OujanaAYB22 [587], ColT22 [199], ZhangJZL22 [790], Astrand21 [44], QinWSLS21 [619], ArmstrongGOS21 [32], Bedhief21 [92], Groleaz21 [322], AbreuAPNM21 [207], MengZRZL20 [529], AstrandJZ20 [47], ZarandiASC20 [784], Lunardi20 [501], Novas19 [572], ParkUJR19 [596], ZhangW18 [793], ZhouGL15 [797]... (Total: 38)	JuvinHL23a [410], NaderiBZ23 [555], Mehdizadeh-Somarin23 [522], NaderiBZ22 [554], YuraszeckMPV22 [779], JuvinHL22 [408], KoehlerBFFHPSSS21 [428], Godet21a [303], FanXG21 [258], TangB20 [698], HauderBRPA20 [351], abs-1902-09244 [350], GombolayWS18 [312], LaborieRSV18 [453], Fahimi16 [253], Dejemeppe16 [213], GuyonLPR12 [333], GrimesH11 [318], KovacsB11 [436], BartakSR10 [71], JainM99 [400], BaptistePN99 [60], AggounB93 [11]	LuZZYW24 [498], TasselGS23 [701], YuraszeckMCCR23 [780], abs-2305-19888 [365], JuvinHHL23 [407], AfsarVPG23 [10], AalianPG23 [1], abs-2306-05747 [702], abs-2211-14492 [689], TouatBT22 [717], Teppan22 [704], NaderiBZ22a [552], HeinzNVH22 [364], HamPK21 [340], LacknerMMWW21 [455], HillTV21 [373], Zahout21 [781], abs-2102-08778 [193], KovacsTKSG21 [441], PandeyS21a [592], WallaceY20 [754], LunardiBLRV20 [500], SacramentoSP20 [645], WikarekS19 [762], TanT18 [695], RiahiNS018 [630], GokgurHO18 [308], GoldwaserS18 [310], HookerH17 [391]... (Total: 66)
Concepts	flow-time	BonninMNE24 [138], PenzDN23 [598], EmdeZD22 [243], YuraszeckMPV22 [779], FanXG21 [258], NattafM20 [565], ZarandiASC20 [784], MalapertN19 [512], ZhangW18 [793], TerekhovTDB14 [706], TranTDB13 [723], WuBB09 [772], Baptiste02 [56]	PrataAN23 [616], AlfieriGPS23 [19], YunusogluY22 [777], Malapert11 [509], BeckW07 [91]	YuraszeckMCCR23 [780], TasselGS23 [701], abs-2306-05747 [702], YuraszeckMC23 [778], LiFJZLL22 [469], AbreuN22 [208], KoehlerBFFHPSSS21 [428], MengZRZL20 [529], Novas19 [572], ParkUJR19 [596], BajestaniB15 [53], MenciaSV13 [526], MenciaSV12 [525], EdisO11 [235], KovacsB11 [436], QuirogaZH05 [623], BeckPS03 [87], BeckR03 [88], FoxS90 [270]

Table 11: Works for Concepts of Type Concepts

Type	Keyword	High	Medium	Low
Concepts	inventory	LuZZYW24 [498], GuoZ23 [331], SubulanC22 [687], Astrand21 [44], German18 [297], GilesH16 [300], GoelSHFS15 [305], HarjunkoskiMBC14 [347], SerraNM12 [667], TerekhovDOB12 [705], LopesCSM10 [493], Jans09 [402], RossiTHP07 [643], Timpe02 [713], Beck99 [77], BeckDF97 [82]	Adelgren2023 [9], EmdeZD22 [243], ZarandiASC20 [784], Novas19 [572], Hooker19 [389], Ham18a [335], BajestaniB13 [52], MakMS10 [508], LauLN08 [460], MouraSCL08a [545], GarganiR07 [281], DavenportKRSH07 [205], BeckF00 [86], Simonis99 [679], BlazewiczDP96 [157], Simonis95a [677]	PrataAN23 [616], PerezGSL23 [599], abs-2312-13682 [600], ZhuSZW23 [799], GokPTGO23 [307], AlfieriGPS23 [19], GurPAE23 [332], PohlAK22 [609], YunusogluY22 [777], AbreuN22 [208], Groleaz21 [322], KovacsTKSG21 [441], HubnerGSV21 [395], HauderBRPA20 [351], GroleazNS20a [323], GroleazNS20 [324], YounespourAKE19 [774], HoundjiSW19 [393], abs-1902-09244 [350], WikarekS19 [762], Ham18 [341], LaborieRSV18 [453], ShinBBHO18 [671], GomesM17 [314], Nattaf16 [559], SchuttS16 [664], Froger16 [276], OrnekO16 [582], OzturkTHO15 [591]... (Total: 54)
Concepts	job	abs-2402-00459 [567], PrataAN23 [616], ForbesHJST24 [267], AbreuPNF23 [3], JuviniHHL23 [407], PenzDN23 [598], AlfieriGPS23 [19], YuraszeckMC23 [778], AfsarVPG23 [10], LacknerMMWW23 [456], Bit-Monnot23 [118], ZhuSZW23 [799], Fatemi-AnarakiTFV23 [260], Mehdizadeh-Somarin23 [522], KimCMLLP23 [425], AbreuNP23 [209], IsikYA23 [398], WangB23 [756], CzerniachowskaWZ23 [197], abs-2306-05747 [702], NaderiRR23 [558], JuviniHL23 [409], TasselGS23 [701], JuviniHL23a [410], NaderiBZ23 [555], YuraszeckMCCR23 [780], EtminaniesfahaniGNMS22 [249], TouatBT22 [717], MullerMKP22 [547]... (Total: 277)	BonninMNE24 [138], LuZZYW24 [498], ShaikhK23 [668], abs-2305-19888 [365], EfthymiouY23 [238], Adelgren2023 [9], MarliereSPR23 [517], LuoB22 [503], HeinzNVH22 [364], BourreauGGLT22 [146], HanenKP21 [344], Lemos21 [463], Mercier-AubinGQ20 [532], GokGSTO20 [306], MokhtarzadehTNF20 [539], RoshanaeiBAUB20 [639], ArkhipovBL19 [31], EscobetPQPRA19 [247], Tom19 [714], GurEA19 [803], German18 [297], PourDERB18 [612], NattafAL17 [561], CappartS17 [163], RoshanaeiLAU17 [640], ZarandiKS16 [783], TranWDRFOVB16 [726], Madi-WambaB16 [506], CatusseCBL16 [175]... (Total: 65)	PovedaAA23 [613], GuoZ23 [331], GokPTGO23 [307], PohlAK22 [609], CampeauG22 [162], KlankeBYE21 [426], HubnerGSV21 [395], AntuoriHHEN21 [26], BenderWS21 [103], QinDCS20 [620], Polo-MejiaALB20 [610], WessenCS20 [761], AntuoriHHEN20 [25], FridodigS19 [275], HoYCLLC18 [375], ShinBBHO18 [671], CauwelaertLS18 [178], TangLWSK18 [699], BaptisteB18 [58], TranVNB17 [724], NovaraNH16 [571], HechingH16 [357], FrankDT16 [271], WangMD15 [757], BurtLPS15 [156], BartakV15 [72], LimBTBB15 [473], LombardiBM15 [483], MelgarejoLS15 [14]... (Total: 85)
Concepts	job-shop	abs-2402-00459 [567], PrataAN23 [616], YuraszeckMCCR23 [780], abs-2306-05747 [702], JuviniHL23a [410], JuviniHHL23 [407], AfsarVPG23 [10], AbreuNP23 [209], Mehdizadeh-Somarin23 [522], Fatemi-AnarakiTFV23 [260], ZhuSZW23 [799], KimCMLLP23 [425], CzerniachowskaWZ23 [197], Bit-Monnot23 [118], NaderiRR23 [558], TasselGS23 [701], Teppan22 [704], NaderiBZ22a [552], OujanaAYB22 [587], LiFJZLL22 [469], ColT22 [199], MullerMKP22 [547], ZhangBB22 [791], abs-2211-14492 [689], YuraszeckMPV22 [779], GeitzGSSW22 [294], JuviniHL22 [408], Astrand21 [44], KovacsTKSG21 [441]... (Total: 137)	NaderiBZ23 [555], AbreuPNF23 [3], PenzDN23 [598], EfthymiouY23 [238], IsikYA23 [398], AlfieriGPS23 [19], NaderiBZ22 [554], EtminaniesfahaniGNMS22 [249], TouatBT22 [717], YunusogluY22 [777], AbreuN22 [208], LuoB22 [503], QinWSLS21 [619], ArmstrongGOS21 [32], KoehlerBFFHPSSS21 [428], Godet21a [303], AstrandOF21 [45], MejiaY20 [523], GroleazNS20 [324], SacramentoSP20 [645], ArkhipovBL19 [31], WikarekS19 [762], EscobetPQPRA19 [247], GokgurHO18 [308], German18 [297], MossigeGSMC17 [544], CappartS17 [163], Derrien15 [219], Kameugne14 [412]... (Total: 58)	ForbesHJST24 [267], BonniniMNE24 [138], LuZZYW24 [498], Adelgren2023 [9], ShaikhK23 [668], PovedaAA23 [613], MarliereSPR23 [517], GokPTGO23 [307], YuraszeckMC23 [778], GuoZ23 [331], LacknerMMWW23 [456], JuviniHL23 [409], EmdeZD22 [243], HanenKP21 [344], Lemos21 [463], KlankeBYE21 [426], AntuoriHHEN21 [26], Zahout21 [781], GokGSTO20 [306], HauderBRPA20 [351], AntuoriHHEN20 [25], RoshanaeiBAUB20 [639], BenediktMH20 [105], WessenCS20 [761], Mercier-AubinGQ20 [532], WallaceY20 [754], NattafDYW19 [563], BogaerdtW19 [734], abs-1902-09244 [350]... (Total: 110)
Concepts	lateness	Groleaz21 [322], FahimiQQ18 [254], Fahimi16 [253], Dejemeppe16 [213], KoschB14 [433], ZampelliVSDR13 [782], Malapert11 [509], BartakSR10 [71], Geske05 [298], Baptiste02 [56], ArtiguesR00 [42], BlazewiczDP96 [157]	PrataAN23 [616], PohlAK22 [609], ZarandiASC20 [784], AntunesABD20 [24], ZhangW18 [793], HarjunkoskiMBC14 [347], MilanoW09 [536], AkkerDH07 [733], MilanoW06 [535], Sadykov04 [647], FoxS90 [270]	NaderiBZ23 [555], LacknerMMWW23 [456], YunusogluY22 [777], NaderiBZ22 [554], GeitzGSSW22 [294], ColT22 [199], ZhangBB22 [791], LacknerMMWW21 [455], Godet21a [303], KoehlerBFFHPSSS21 [428], HanenKP21 [344], QinWSLS21 [619], Lunardi20 [501], Novas19 [572], ArkhipovBL19 [31], ParkUJR19 [596], AntunesABD18 [23], Tesch18 [708], GrimesH15 [319], BartakV15 [72], MenciaSV13 [526], MenciaSV12 [525], TerekhovDOB12 [705], EdisO11 [235], ChenGPSH10 [183], NovasH10 [573], WuBB09 [772], SadykovW06 [648], Bartak02 [67], JainM99 [400]

Table 11: Works for Concepts of Type Concepts

Type	Keyword	High	Medium	Low
Concepts	machine	abs-2402-00459 [567], BonninMNE24 [138], PrataAN23 [616], Fatemi-AnarakiTFV23 [260], PenzDN23 [598], YuraszeckMCCR23 [780], JuvinHL23a [410], ZhuSZW23 [799], AalianPG23 [1], AbreuPNF23 [3], JuvinHHL23 [407], abs-2312-13682 [600], LacknerMMWW23 [456], AlfieriGPS23 [19], AfsarVPG23 [10], KimCMLLP23 [425], IsikYA23 [398], CzerniachowskaWZ23 [197], AbreuNP23 [209], Adelgren2023 [9], NaderiRRR23 [558], TasselGS23 [701], Mehdizadeh-Somarin23 [522], JuvinHL23 [409], GuoZ23 [331], PerezGSL23 [599], NaderiBZ23 [555], EfthymiouY23 [238], abs-2306-05747 [702]... (Total: 268)	ForbesHJST24 [267], AkramNHRSA23 [16], GurPAE23 [332], Bit-Monnot23 [118], GokPTGO23 [307], OrnekOS20 [583], EtmianiesfahaniGNMS22 [249], LuoB22 [503], ElciOH22 [239], HillTV21 [373], KlankeBYE21 [426], Lemos21 [463], AbohashimaEG21 [2], Polo-MejiaALB20 [610], RoshanaeiBAUB20 [639], AntuoriHHEN20 [25], BehrensLM19 [94], GoldwaserS18 [310], BaptisteB18 [58], He0GLW18 [352], Ham18 [341], ShinBBHO18 [671], MusliuSS18 [551], FahimiOQ18 [254], GoldwaserS17 [309], CohenHB17 [192], KreterSS17 [443], Pralet17 [614], SchuttS16 [664]... (Total: 73)	LuZZYW24 [498], MarliereSPR23 [517], ShaikhK23 [668], KameugneFND23 [415], MontemanniD23 [543], BoudreaultSLQ22 [144], PopovicCGNC22 [611], SubulanC22 [687], PohlAK22 [609], GeibingerMM21 [293], ArtiguesHQT21 [39], WallaceY20 [754], BarzegaranZP20 [76], Mercier-AubinGQ20 [532], WangB20 [755], ArkhipovBL19 [31], YounespourAKE19 [774], YangSS19 [773], NattafHKAL19 [564], BadicaBIL19 [50], NishikawaSTT19 [570], Tom19 [714], AntunesABD18 [23], KreterSSZ18 [444], HoYCLLC18 [375], PourDERB18 [612], Laborie18a [452], CauwelaertLS18 [178], TranVNB17a [725]... (Total: 131)
Concepts	make to order			OujanaAYB22 [587], DavenportKRSH07 [205], Simonis07 [680]
Concepts	make to stock			HarjunkoskiMBC14 [347]
Concepts	make-span	PrataAN23 [616], Mehdizadeh-Somarin23 [522], AbreuNP23 [209], EfthymiouY23 [238], PovedaAA23 [613], AfsarVPG23 [10], JuvinHL23a [410], abs-2306-05747 [702], AalianPG23 [1], CzerniachowskaWZ23 [197], AbreuPNF23 [3], JuvinHHL23 [407], YuraszeckMC23 [778], ZhuSZW23 [799], IsikYA23 [398], JuvinHL23 [409], AlfieriGPS23 [19], abs-2305-19888 [365], NaderiRRR23 [558], TasselGS23 [701], Bit-Monnot23 [118], LacknerMMWW23 [456], AbreuN22 [208], YunusogluY22 [777], ZhangBB22 [791], HeinzNVH22 [364], JuvinHL22 [408], GeitzGSSW22 [294], BoudreaultSLQ22 [144]... (Total: 200)	BonninMNE24 [138], KameugneFND23 [415], YuraszeckMCCR23 [780], abs-2312-13682 [600], Adelgren2023 [9], PerezGSL23 [599], PenzDN23 [598], MullerMKP22 [547], SvancaraB22 [692], ZhangJZL22 [790], abs-2211-14492 [689], YuraszeckMPV22 [779], OujanaAYB22 [587], LiFJZLL22 [469], PandeyS21a [592], FanXG21 [258], QinDCS20 [620], NattafDYW19 [563], AstrandJZ18 [46], Ham18a [335], YoungFS17 [775], RoshanaeiLAU17 [640], KreterSS17 [443], GingrasQ16 [301], BonfiettiZLM16 [137], HamC16 [342], KuB16 [445], SialaAH15 [674], DejemeppeCS15 [214]... (Total: 61)	ForbesHJST24 [267], GokPTGO23 [307], GuoZ23 [331], KimCMLLP23 [425], TardivoDFMP23 [700], Fatemi-AnarakiTFV23 [260], NaderiBZ23 [555], Teppan22 [704], CampeauG22 [162], JungblutK22 [405], PopovicCGNC22 [611], FetgoD22 [262], EmdeZD22 [243], NaderiBZ22 [554], KoehlerBFFHPSSS21 [428], HanenKP21 [344], HubnerGSV21 [395], Mercier-AubinGQ20 [532], TangB20 [698], NattafM20 [565], CauwelaertDS20 [179], SacramentoSP20 [645], MurinR19 [548], abs-1911-04766 [291], NishikawaSTT19 [570], NattafHKAL19 [564], BadicaBIL19 [50], Tom19 [714], GeibingerMM19 [292]... (Total: 107)
Concepts	manpower	NovaraNH16 [571]	LaborieRSV18 [453], Froger16 [276]	BourreauGGLT22 [146], BadicaBI20 [49], MokhtarzadehTNF20 [539], HauderBRPA20 [351], WikarekS19 [762], BaptisteB18 [58], MusliuSS18 [551], SchuttS16 [664], HechingH16 [357], GayHS15a [286], GaySS14 [287], HarjunkoskiMBC14 [347], Clercq12 [210], GuyonLPR12 [333], LombardiM12 [489], SimonisH11 [683], Menana11 [524], Vilim11 [745], NovasH10 [573], ChenGPSH10 [183], Simonis99 [679], NuijtenP98 [578], SimonisC95 [682], Simonis95a [677], Puget95 [618]
Concepts	multi-agent	SvancaraB22 [692], Zahout21 [781], ZarandiASC20 [784], BehrensLM19 [94], He0GLW18 [352], GombolayWS18 [312], HoeveGSL07 [736]	Lemos21 [463], MokhtarzadehTNF20 [539], abs-1901-07914 [95], TranVNB17 [724], LimHTB16 [472], BartakSR10 [71], BocewiczBB09 [123]	abs-2402-00459 [567], Mehdizadeh-Somarin23 [522], SquillaciPR23 [686], ZhuSZW23 [799], GokPTGO23 [307], Fatemi-AnarakiTFV23 [260], AbreuAPNM21 [207], ZhangYW21 [792], GokGSTO20 [306], WessenCS20 [761], MejiaY20 [523], WikarekS19 [762], BadicaBIL19 [50], ZhangW18 [793], HookerH17 [391], LimBTBB15 [473], KoschB14 [433], BartakS11 [70], Jans09 [402], GomesHS06 [313], AbrilSB05 [4], Beck99 [77], BeckF98 [84], Wallace96 [752], Pape94 [593]

Table 11: Works for Concepts of Type Concepts

Type	Keyword	High	Medium	Low
Concepts	multi-objective	LuZZYW24 [498], IsikYA23 [398], AfsarVPG23 [10], FarsiTM22 [259], SubulanC22 [687], YunusogluY22 [777], Lemos21 [463], HamPK21 [340], ZarandiASC20 [784], Tom19 [714], TangLWSK18 [699], Froger16 [276], Dejemeppe16 [213], TopalogluO11 [715], ZeballosQH10 [787]	PrataAN23 [616], GurPAE23 [332], CzerniachowskaWZ23 [197], LacknerMMWW23 [456], AbreuPNF23 [3], LiFJZLL22 [469], OrnekOS20 [583], NaderiBZ22a [552], AbreuN22 [208], ZhangJZL22 [790], AbreuAPNM21 [207], FanXG21 [258], QinWSLS21 [619], AbohashimaEG21 [2], ZhangYW21 [792], Zahout21 [781], MejiaY20 [523], ZouZ20 [802], MengZRZL20 [529], Lunardi20 [501], YounespourAKE19 [774], EscobetPQPRA19 [247], PourDERB18 [612], CappartTSR18 [164], MenciaSV13 [526], QuirogaZH05 [623]	abs-2402-00459 [567], GokPTGO23 [307], SquillaciPR23 [686], MarliereSPR23 [517], AlfieriGPS23 [19], YuraszeckMCCR23 [780], GuoZ23 [331], MullerMKP22 [547], abs-2211-14492 [689], ColT22 [199], OujanaAYB22 [587], BoudreaultSLQ22 [144], TouatBT22 [717], ArmstrongGOS21 [32], Astrand21 [44], KoehlerBFFHPSSS21 [428], GroleazNS20a [323], Polo-MejiaALB20 [610], SacramentoSP20 [645], HauderBRPA20 [351], FrohnerTR19 [277], KucukY19 [449], Novas19 [572], GurEA19 [803], abs-1902-09244 [350], GeibingerMM19 [292], abs-1911-04766 [291], Hooker19 [389], He0GLW18 [352]... (Total: 59)
Concepts	net present value	ThiruvadyWGS14 [710], GuSS13 [327], SchuttCSW12 [656], GuSW12 [329]	CampeauG22 [162], HillTV21 [373], KelarevaTK13 [420]	abs-2402-00459 [567], EtminaniesfahaniGNMS22 [249], Astrand21 [44], AstrandJZ20 [47], ZarandiASC20 [784], LaborieRSV18 [453], HookerH17 [391], MossigeGSMC17 [544], SzerediS16 [693], SchuttS16 [664], SchnellH15 [653], BlomBPS14 [121], LaborieR14 [454], SchuttFS13 [658], Lombardi10 [482]
Concepts	no preempt			ColT22 [199], TouatBT22 [717], FanXG21 [258], Bedhief21 [92], Lunardi20 [501], MengZRZL20 [529], ParkUJR19 [596], NattafALR16 [562], TerekhovTDB14 [706], LombardiMRB10 [492], LiW08 [468], MonetteDD07 [540], BeckW07 [91], Baptiste02 [56], ArtiguesR00 [42]
Concepts	no-wait	PrataAN23 [616], Fatemi-AnarakiTFV23 [260], IsikYA23 [398], AlfieriGPS23 [19], NaderiRR23 [558], AbreuNP23 [209], HubnerGSV21 [395], VlkHT21 [750], ZarandiASC20 [784], Novas19 [572], GrimesH15 [319], GrimesH11 [318], GrimesH10 [317], AkkerDH07 [733]	AbreuN22 [208], AbreuAPNM21 [207], MengZRZL20 [529], MokhtarzadehTNF20 [539], MejiaY20 [523], Dejemeppe16 [213], Malapert11 [509]	AbreuPNF23 [3], MarliereSPR23 [517], NaderiBZ23 [555], YuraszeckMPV22 [779], BourreauGGLT22 [146], ArmstrongGOS22 [33], EmdeZD22 [243], LiFJZLL22 [469], FarsiTM22 [259], MullerMKP22 [547], NaderiBZ22 [554], Bedhief21 [92], HauderBRPA20 [351], abs-1902-09244 [350], RiahiNS018 [630], ZhangW18 [793], ArbaouiY18 [29], WangMD15 [757], NovasH12 [574], HermenierDL11 [370], NovasH10 [573], RodriguezS09 [637], Rodriguez07b [635], LammaMM97 [459], BrusoniCLMMT96 [154], BlazewiczDP96 [157]
Concepts	one-machine scheduling	MilanoW09 [536], MilanoW06 [535], BlazewiczDP96 [157]	ZhangBB22 [791], Schutt11 [655], Baptiste02 [56]	PenzDN23 [598], ColT22 [199], Astrand21 [44], FanXG21 [258], KoehlerBFFHPSSS21 [428], ZarandiASC20 [784], Hooker19 [389], HookerH17 [391], MelgarejoLS15 [14], BeniniLMR11 [111], ArtiguesF07 [38], SadykovW06 [648], ChuX05 [185], BeckW04 [89], ArtiguesBF04 [36], Sadykov04 [647], HookerO03 [390], JainM99 [400]
Concepts	online scheduling	TerekhovTDB14 [706]	Mehdizadeh-Somarin23 [522], Zahout21 [781], Groleaz21 [322]	PrataAN23 [616], MullerMKP22 [547], VlkHT21 [750], NishikawaSTT19 [570], TranPZLDB18 [722], HebrardHJMPV16 [354], LimHTB16 [472], ZhouGL15 [797], DoomsH08 [228], ElkhyariGJ02a [242], DincbasS91 [225]

Table 11: Works for Concepts of Type Concepts

Type	Keyword	High	Medium	Low
Concepts	open-shop	PrataAN23 [616], Bit-Monnot23 [118], AbreuPNF23 [3], AbreuNP23 [209], NaderiRR23 [558], YuraszeckMPV22 [779], AbreuN22 [208], AbreuAPNM21 [207], Groleaz21 [322], ZarandiASC20 [784], MejiaY20 [523], Lunardi20 [501], FahimiOQ18 [254], Fahimi16 [253], GrimesH15 [319], Siala15a [673], Siala15 [672], MalapertCGJLR13 [511], MalapertCGJLR12 [510], Malapert11 [509], GrimesHM09 [320], OhrimenkoSC09 [581], MonetteDD07 [540], Elkhyari03 [240], LorigeonBB02 [495], JussienL02 [406], Baptiste02 [56], FocacciLN00 [264]	ZhuSZW23 [799], Godet21a [303], Astrand21 [44], SacramentoSP20 [645], MengZRZL20 [529], Dejemepe16 [213], TerekhovDOB12 [705], Schutt11 [655], GrimesH10 [317], Vilim05 [742], Demasse03 [216], JainM99 [400]	BonninMNE24 [138], YuraszeckMCCR23 [780], YuraszeckMC23 [778], KimCMLLP23 [425], NaderiBZ23 [555], ShaikhK23 [668], AfsarVPG23 [10], NaderiBZ22 [554], EmdeZD22 [243], OujanaAYB22 [587], ColT22 [199], EtminaniesfahaniGNMS22 [249], Astrand0F21 [45], abs-2102-08778 [193], AstrandJZ20 [47], ParkUJR19 [596], GombolayWS18 [312], HookerH17 [391], SialaAH15 [674], Derrien15 [219], BonfiettiLM14 [135], AlesioNBG14 [222], BillautHL12 [117], GrimesH11 [318], SchuttFSW11 [661], ChenGPSH10 [183], BartakSR10 [71], SchuttFSW09 [659], ThiruvadyBME09 [709]... (Total: 38)
Concepts	order	PrataAN23 [616], BonninMNE24 [138], abs-2402-00459 [567], LuZZYW24 [498], GokPTGO23 [307], ZhuSZW23 [799], GuoZ23 [331], EfthymiouY23 [238], AbreuNP23 [209], Fatemi-AnarakiTFV23 [260], Adelgren2023 [9], TasselGS23 [701], abs-2306-05747 [702], JuvinHL23 [409], LacknerMMWW23 [456], PerezGSL23 [599], NaderiBZ23 [555], IsikYA23 [398], PenzDN23 [598], PovedaAA23 [613], JuvinHL23a [410], AlfieriGPS23 [19], abs-2312-13682 [600], CzerniachowskaWZ23 [197], AalianPG23 [1], Bit-Monnot23 [118], AbreuPNF23 [3], WangB23 [756], KameugneFND23 [415]... (Total: 424)	ForbesHJST24 [267], MontemanniD23a [542], NaderiRR23 [558], TardivoDFMP23 [700], YuraszeckMC23 [778], GurPAE23 [332], ShaikhK23 [668], abs-2305-19888 [365], SvancaraB22 [692], ZhangBB22 [791], ArmstrongGOS22 [33], WinterMMW22 [763], ElciOH22 [239], OrnekOS20 [583], SvancaraB22 [692], ZhangBB22 [791], HeinzNVH22 [364], JungblutK22 [405], BenderWS21 [103], GeibingerMM21 [293], HillTV21 [373], abs-2102-08778 [193], QinDCS20 [620], WallaceY20 [754], AntunesABD20 [24], ZouZ20 [802], TangB20 [698], GokGSTO20 [306], FrohnerTR19 [277]... (Total: 118)	Mehdizadeh-Somarin23 [522], MontemanniD23 [543], AkramNHRSA23 [16], JuvinHL22 [408], NaderiBZ22a [552], ZhangJZL22 [790], ZhangYW21 [792], AbohashimaEG21 [2], MokhtarzadehTNF20 [539], RoshanaeiBAUB20 [639], abs-1902-01193 [17], GalleguillosKSB19 [279], KucukY19 [449], ArbaouiY18 [29], BenediktSMVH18 [106], He0GLW18 [352], TranVNB17a [725], Hooker17 [388], FrankDT16 [271], HechingH16 [357], BridiLBBM16 [151], CireCH16 [187], Bonfietti16 [130], SzerediS16 [693], HurleyOS16 [396], Derrien15 [219], GayHS15a [286], ThiruvadyWGS14 [710], DoulabiRP14 [232]... (Total: 68)
Concepts	order scheduling	TerekhovDOB12 [705]	PrataAN23 [616], AbreuPNF23 [3]	AbreuAPNM21 [207], QinWLSL21 [619]
Concepts	periodic	SquillaciPR23 [686], Groleaz21 [322], Lemos21 [463], BonfiettiZLM16 [137], Fahimi16 [253], AlesioNBG14 [222], BonfiettiLBM14 [133], TerekhovTDB14 [706], TranTDB13 [723], BonfiettiLM13 [134], SimoninAHL12 [675], BonfiettiLBM12 [132], LombardiBMB11 [484], Lombardi10 [482], CambazardHDJT04 [160], SchildW00 [652], KorbaaYG99 [431], PembertonG98 [597]	Mehdizadeh-Somarin23 [522], TouatBT22 [717], Astrand21 [44], VlKHT21 [750], Bonfietti16 [130], BajestaniB15 [53], HarjunkskiMBC14 [347], BonfiettiLBM11 [131], Davenport10 [204], NovasH10 [573], BocewiczBB09 [123], BeniniLMR08 [110], BeniniBGM05 [107]	CzerniachowskaWZ23 [197], Adelgren2023 [9], PenzDN23 [598], AbreuPNF23 [3], AkramNHRSA23 [16], abs-2306-05747 [702], TasselGS23 [701], FarsiTM22 [259], OrnekOS20 [583], PopovicCGNC22 [611], Godet21a [303], AbreuAPNM21 [207], AntunesABD20 [24], AntuoriHHEN20 [25], AstrandJZ20 [47], ZarandiASC20 [784], Polo-MejiaALB20 [610], Caballero19 [158], EscobetPQPRA19 [247], NattafDYW19 [563], CappartTSR18 [164], AntunesABD18 [23], LaborieRSV18 [453], TranPZLDB18 [722], GombolayWS18 [312], KreterSSZ18 [444], AstrandJZ18 [46], KreterSS17 [443], BridiLBBM16 [151]... (Total: 61)
Concepts	planned maintenance		Malapert11 [509], Davenport10 [204]	TouatBT22 [717], KovacsTKSG21 [441], Astrand21 [44], AntunesABD20 [24], BajestaniB15 [53], AkkerDH07 [733]

Table 11: Works for Concepts of Type Concepts

Type	Keyword	High	Medium	Low
Concepts	precedence	BonninMNE24 [138], abs-2402-00459 [567], LuZZYW24 [498], PovedaAA23 [613], YuraszeckMCCR23 [780], MarliereSPR23 [517], AlfieriGPS23 [19], JuvinHHL23 [407], NaderiRR23 [558], ZhuSZW23 [799], IsikYA23 [398], FetgoD22 [262], PohlAK22 [609], CampeauG22 [162], YunusogluY22 [777], ZhangBB22 [791], EtminaniesfahaniGNMS22 [249], NaderiBZ22a [552], BoudreaultSLQ22 [144], GeibingerMM21 [293], HanenKP21 [344], Astrand0F21 [45], Astrand21 [44], HillTV21 [373], KoehlerBFFHPSSS21 [428], FanXG21 [258], HubnerGSV21 [395], ZhangYW21 [792], Godet21a [303]... (Total: 182)	GokPTGO23 [307], KameugneFND23 [415], JuvinHL23a [410], TardivoDFMP23 [700], Bit-Monnot23 [118], OujanaAYB22 [587], SubulanC22 [687], ColT22 [199], VlkHT21 [750], AntuoriHHEN21 [26], Zahout21 [781], WessenCS20 [761], MokhtarzadehTNF20 [539], GokGSTO20 [306], QinDCS20 [620], GeibingerMM19 [292], Novas19 [572], abs-1911-04766 [291], BogaerdtW19 [734], MurinR19 [548], ColT19 [194], Ham18 [341], KameugneFGOQ18 [414], TanT18 [695], MossigeGSMC17 [544], Madi-WambaLOBM17 [507], Madi-WambaB16 [506], KuB16 [445], AmadiniGM16 [21]... (Total: 86)	PrataAN23 [616], JuvinHL23 [409], AfsarVPG23 [10], Mehdizadeh-Somarin23 [522], abs-2306-05747 [702], YuraszeckMC23 [778], KimCMLLP23 [425], TasselGS23 [701], abs-2305-19888 [365], MullerMKP22 [547], JuvinHL22 [408], EmdeZD22 [243], BourreauGGLT22 [146], ZhangJZL22 [790], GeitzGSSW22 [294], TouatBT22 [717], WinterMMW22 [763], abs-2211-14492 [689], HeinzNVH22 [364], Lemos21 [463], KovacsTKSG21 [441], PandeyS21a [592], AbreuAPNM21 [207], AntunesABD20 [24], GroleazNS20a [323], TangB20 [698], OuelletQ18 [585], DemirovicS18 [218], BaptisteB18 [58]... (Total: 107)
Concepts	preempt	BonninMNE24 [138], JuvinHL23a [410], JuvinHHL23 [407], PovedaAA23 [613], SubulanC22 [687], JuvinHL22 [408], Groleaz21 [322], HanenKP21 [344], ArtiguesHQT21 [39], Godet21a [303], ZarandiASC20 [784], Polo-MejiaALB20 [610], NattafHKAL19 [564], BaptisteB18 [58], FahimiOQ18 [254], GokgurHO18 [308], Dejemepe16 [213], ZarandiKS16 [783], Fahimi16 [253], NattafALR16 [562], EvenSH15 [250], EvenSH15a [251], AlesioNBG14 [222], LombardiMB13 [491], MenciaSV12 [525], LombardiM12 [489], BeldiceanuCDP11 [98], KovacsB11 [436], Schutt11 [655]... (Total: 42)	PrataAN23 [616], Adelgren2023 [9], abs-2305-19888 [365], AbreuPNF23 [3], FetgoD22 [262], HeinzNVH22 [364], OuelletQ22 [586], Astrand21 [44], Zahout21 [781], SacramentoSP20 [645], Mercier-AubinGQ20 [532], Lunardi20 [501], LunardiBLRV20 [500], Caballero19 [158], ArkhipovBL19 [31], GombolayWS18 [312], YoungFS17 [775], OrnekO16 [582], OzturkTHO15 [591], SchnellH15 [653], NattafAL15 [560], SimoninAHL15 [676], TerekhovTDB14 [706], ZampelliVSDR13 [782], OzturkTHO13 [590], MenciaSV13 [526], BajestaniB13 [52], OzturkTHO12 [588], SimoninAHL12 [675]... (Total: 44)	Mehdizadeh-Somarin23 [522], AalianPG23 [1], KameugneFND23 [415], abs-2306-05747 [702], PenzDN23 [598], NaderiRR23 [558], TasselGS23 [701], TardivoDFMP23 [700], YuraszeckMC23 [778], YuraszeckMCCR23 [780], AkramNHRSA23 [16], AbreuNP23 [209], ZhuSZW23 [799], IsikYA23 [398], AfsarVPG23 [10], ZhangBB22 [791], Teppan22 [704], EtminaniesfahaniGNMS22 [249], ColT22 [199], MullerMKP22 [547], YunusogluY22 [777], JungblutK22 [405], AbreuN22 [208], NaderiBZ22a [552], TouatBT22 [717], GeitzGSSW22 [294], BoudreaultSLQ22 [144], OujanaAYB22 [587], Bedhief21 [92]... (Total: 156)
Concepts	preemptive	BonninMNE24 [138], JuvinHL23a [410], JuvinHHL23 [407], PovedaAA23 [613], JuvinHL22 [408], ArtiguesHQT21 [39], HanenKP21 [344], Godet21a [303], ZarandiASC20 [784], Polo-MejiaALB20 [610], NattafHKAL19 [564], GokgurHO18 [308], BaptisteB18 [58], Fahimi16 [253], Dejemepe16 [213], EvenSH15 [250], EvenSH15a [251], AlesioNBG14 [222], LombardiMB13 [491], LombardiM12 [489], MenciaSV12 [525], Schutt11 [655], KovacsB11 [436], BeldiceanuCDP11 [98], Lombardi10 [482], BartakSR10 [71], MonetteDD07 [540], KovacsB07 [434], Wolf05 [765]... (Total: 37)	PrataAN23 [616], AbreuPNF23 [3], Adelgren2023 [9], Groleaz21 [322], Mercier-AubinGQ20 [532], SacramentoSP20 [645], ArkhipovBL19 [31], Caballero19 [158], FahimiOQ18 [254], YoungFS17 [775], NattafALR16 [562], ZarandiKS16 [783], OrnekO16 [582], NattafAL15 [560], OzturkTHO15 [591], BajestaniB13 [52], MenciaSV13 [526], ZampelliVSDR13 [782], OzturkTHO13 [590], OzturkTHO12 [588], Malapert11 [509], SchuttFSW11 [661], LombardiMRB10 [492], ChenGPSH10 [183], Wolf09 [769], Laborie09 [451], SchuttFSW09 [659], KovacsB08 [435], ArtiouchineB05 [43]... (Total: 33)	Mehdizadeh-Somarin23 [522], AalianPG23 [1], abs-2305-19888 [365], PenzDN23 [598], YuraszeckMC23 [778], NaderiRR23 [558], ColT22 [199], HeinzNVH22 [364], MullerMKP22 [547], GeitzGSSW22 [294], AbreuN22 [208], SubulanC22 [687], EtminaniesfahaniGNMS22 [249], NaderiBZ22a [552], AbreuAPNM21 [207], ArmstrongGOS21 [32], QinWLS21 [619], ZhangYW21 [792], HillTV21 [373], HubnerGSV21 [395], Zahout21 [781], KovacsTKSG21 [441], BenderWS21 [103], GroleazNS20 [324], BenediktMH20 [105], MejiaY20 [523], CauwelaertDS20 [179], GroleazNS20a [323], YangSS19 [773]... (Total: 123)
Concepts	producer/consumer	SchuttS16 [664], PoderBS04 [608], Kumar03 [448], Beck99 [77], SimonisC95 [682]	HermenierDL11 [370], BeldiceanuC02 [97], Simonis99 [679], Simonis95a [677]	GeitzGSSW22 [294], KlankeBYE21 [426], CappartTSR18 [164], BlomPS16 [122], LombardiM12a [488], Wolf11 [766], SimonisH11 [683], LombardiMRB10 [492], ChenGPSH10 [183], PoderB08 [607], Simonis07 [680], Timpe02 [713], SimonisCK00 [681], Simonis95 [678]

Table 11: Works for Concepts of Type Concepts

Type	Keyword	High	Medium	Low
Concepts	re-scheduling	Fatemi-AnarakiTFV23 [260], MarliereSPR23 [517], Astrand21 [44], Lemos21 [463], HamPK21 [340], Groleaz21 [322], BarzegaranZP20 [76], ZarandiASC20 [784], ZhangW18 [793], CappartS17 [163], Madi-WambaLOBM17 [507], Froger16 [276], BartakV15 [72], HarjunkoskiMBC14 [347], GrimesIOS14 [321], BajestaniB13 [52], TranTDB13 [723], RendIPHR12 [629], LombardiM12 [489], IfrimOS12 [397], NovasH10 [573], BidotVLB09 [116], Laborie03 [450], Baptiste02 [56], MartinPY01 [519], ArtiguesR00 [42]	Mehdizadeh-Somarin23 [522], NaderiBZ22a [552], Zahout21 [781], KovacsTKSG21 [441], AstrandJZ20 [47], AntunesABD20 [24], RoshanaeiBAUB20 [639], GombolayWS18 [312], TranPZLDB18 [722], HoYCLLC18 [375], AntunesABD18 [23], HurleyOS16 [396], LimHTB16 [472], FrankDT16 [271], LimBTBB15 [473], CobanH11 [191], Lombardi10 [482], CobanH10 [190], Acuna-AgostMFG09 [7], Elkhyari03 [240], Beck99 [77], DincbasS91 [225]	PrataAN23 [616], ForbesHJST24 [267], abs-2306-05747 [702], abs-2305-19888 [365], ShaikhK23 [668], GurPAE23 [332], NaderiRR23 [558], PerezGSL23 [599], abs-2312-13682 [600], GokPTGO23 [307], EftymiouY23 [238], Adelgren2023 [9], TasselGS23 [701], JuvinHL23a [410], ZhuSZW23 [799], BourreauGGLT22 [146], HeinzNVH22 [364], ArmstrongGOS22 [33], LuoB22 [503], PohlAK22 [609], FarsiTM22 [259], YunusogluY22 [777], JuvinHL22 [408], YuraszeckMPV22 [779], ZhangYW21 [792], KlankeBYE21 [426], PandeyS21a [592], BenediktMH20 [105], MejiaY20 [523]... (Total: 95)
Concepts	reactive scheduling	NovasH10 [573]	Groleaz21 [322], ZarandiASC20 [784], BartakV15 [72], HarjunkoskiMBC14 [347]	Mehdizadeh-Somarin23 [522], FanXG21 [258], HubnerGSV21 [395], Lunardi20 [501], EscobetQPRA19 [247], Fahimi16 [253], Froger16 [276], NovasH14 [575], BonfiettiLM14 [135], BajestaniB13 [52], NovasH12 [574], LombardiM12 [489], BillautHL12 [117], LopesCSM10 [493], BidotVLB09 [116], MouraSCL08a [545], BeckW07 [91], Elkhyari03 [240], Baptiste02 [56], BeckF00 [86], SakkoutW00 [649], PapaB98 [595], NuijtenP98 [578], Wallace96 [752], FoxS90 [270]
Concepts	release-date	BonninMNE24 [138], YunusogluY22 [777], JuvinHL22 [408], YuraszeckMPV22 [779], WinterMMW22 [763], EmdeZD22 [243], Groleaz21 [322], HanenKP21 [344], Bedhief21 [92], Polo-MejiaALB20 [610], EscobetQPRA19 [247], Tesch18 [708], KameugneFSN14 [418], LimtanyakulS12 [475], SerraNM12 [667], TerekhovDOB12 [705], KameugneFSN11 [417], KovacsB11 [436], Lombardi10 [482], BartakSR10 [71], LombardiM10a [486], abs-0907-0939 [605], MercierH08 [530], KovacsB07 [434], Hooker07 [386], AkkerDH07 [733], SadykovW06 [648], ArtiouchineB05 [43], Hooker05 [381]... (Total: 37)	PrataAN23 [616], LacknerMMWW23 [456], JuvinHL23a [410], LacknerMMWW21 [455], Godet21a [303], ArtiguesHQ21 [39], GroleazNS20 [324], GroleazNS20a [323], AntuoriHHEN20 [25], ZarandiASC20 [784], GeibingerMM19 [292], ArkhipovBL19 [31], abs-1911-04766 [291], Dejemeppe16 [213], HeinzSB13 [363], KelbelH11 [421], Beck10 [80], MilanoW09 [536], Laborie09 [451], Limtanyakul07 [474], Simonis07 [680], MilanoW06 [535], Hooker06 [384], Hooker05a [382], WuBB05 [771], Sadykov04 [647], HarjunkoskiG02 [345], JainG01 [401], TorresL00 [716]... (Total: 32)	ForbesHJST24 [267], PovedaAA23 [613], PenzDN23 [598], IsikYA23 [398], Adelgren2023 [9], YuraszeckMC23 [778], PohlAK22 [609], TouatBT22 [717], GeibingerMM21 [293], HillTV21 [373], AbreuAPNM21 [207], Zahout21 [781], Astrand21 [44], AntuoriHHEN21 [26], ZhangYW21 [792], KovacsTKSG21 [441], GodetLHS20 [304], Lunardi20 [501], MejiaY20 [523], Hooker19 [389], Novas19 [572], Caballero19 [158], NattafHKAL19 [564], abs-1902-09244 [350], LaborieRSV18 [453], TanT18 [695], KreterSSZ18 [444], Laborie18a [452], GokgurHO18 [308]... (Total: 88)
Concepts	resource	ForbesHJST24 [267], BonninMNE24 [138], PrataAN23 [616], abs-2402-00459 [567], LuZZYW24 [498], Fatemi-AnarakiTFV23 [260], JuvinHHL23 [407], PovedaAA23 [613], ShaikhK23 [668], GuoZ23 [331], NaderiRR23 [558], GokPTGO23 [307], WangB23 [756], NaderiBZ23 [555], KameugneFND23 [415], MarliereSPR23 [517], YuraszeckMCCR23 [780], CzerniachowskaWZ23 [197], abs-2305-19888 [365], AlfieriGPS23 [19], JuvinHL23a [410], AalianPG23 [1], TardivoDFMP23 [700], GurPAE23 [332], AbreuPNF23 [3], HeinzNVH22 [364], AbreuN22 [208], OrnekOS20 [583], TouatBT22 [717]... (Total: 420)	Caballero23 [159], abs-2312-13682 [600], AfsarVPG23 [10], Adelgren2023 [9], TasselGS23 [701], AbreuNP23 [209], PerezGSL23 [599], IsikYA23 [398], abs-2306-05747 [702], Bit-Monnot23 [118], ElciOH22 [239], PohlAK22 [609], MullerMKP22 [547], SvancaraB22 [692], abs-2211-14492 [689], YuraszeckMPV22 [779], WinterMMW22 [763], KlankeBYE21 [426], AstrandOF21 [45], TangB20 [698], LunardiBLRV20 [500], WallaceY20 [754], MokhtarzadehTNF20 [539], FrimodigS19 [275], abs-1902-01193 [17], ParkUJR19 [596], GedikKEK18 [288], BenediktSMVH18 [106], HoYCLLC18 [375]... (Total: 70)	AkramNHSA23 [16], PenzDN23 [598], MontemanniD23 [543], SquillaciPR23 [686], ZhuSZW23 [799], ZhangJZL22 [790], EmdeZD22 [243], Teppan22 [704], JungblutK22 [405], PopovicCGNC22 [611], ArmstrongGOS22 [33], HamPK21 [340], AbreuAPNM21 [207], AbohashimaEG21 [2], KoehlerBFFHPSSS21 [428], abs-2102-08778 [193], AntuoriHHEN21 [26], ArmstrongGOS21 [32], FanXG21 [258], MejiaY20 [523], BarzegaranZP20 [76], ThomasKS20 [711], NattafM20 [565], BadicaBIL19 [50], HoundjiSW19 [393], KucukY19 [449], NattafDYW19 [563], ColT19 [194], ZhangW18 [793]... (Total: 73)

Table 11: Works for Concepts of Type Concepts

Type	Keyword	High	Medium	Low	
Concepts	scheduling	PrataAN23 [616], ForbesHJST24 [267], BonninMNE24 [138], abs-2402-00459 [567], LuZZYW24 [498], AbreuNP23 [209], ZhuSZW23 [799], IsikYA23 [398], AalianPG23 [1], AbreuPNF23 [3], abs-2306-05747 [702], JuvinHHL23 [407], TardivoDFMP23 [700], YuraszeckMC23 [778], Fatemi-AnarakiTFV23 [260], Mehdizadeh-Somarin23 [522], KimCMLLP23 [425], AkramNHRSA23 [16], LacknerMMWW23 [456], GurPAE23 [332], AlfieriGPS23 [19], CzerniachowskaWZ23 [197], WangB23 [756], JuvinHL23 [409], NaderiRR23 [558], PenzDN23 [598], TasselGS23 [701], Bit-Monnot23 [118], abs-2305-19888 [365]... (Total: 595)	HebrardALLCMR22 [353], Kameugne15 [413], GayHS15 [285], BessiereHMQW14 [115], HoundjisWD14 [394], LetortCB13 [466], LetortBC12 [465], ClercqPB11 [189], ChapadosJR11 [182], Baptiste09 [57], abs-0907-0939 [605], Acuna-AgostMFG09 [7], GomesHS06 [313], DilkinaDH05 [223], MoffittPP05 [538], WuBB05 [771], HebrardTW05 [355], ValleMGT03 [732], Vilim03 [740], HookerY02 [392], BenoistGR02 [112], Vilim02 [739], RodriguezDG02 [636], BeldiceanuC01 [96], FrostD98 [278], CestaOS98 [181], Touraivane95 [718]	Hooker17 [388], AchterbergBKW08 [6], RossiTHP07 [643], Hooker05b [383], CambazardJ05 [161], AbrilSB05 [4], WolfS05a [767], VanczaM01 [737]	
Concepts	sequence setup	dependent	Groleaz21 [322], GedikKEK18 [288], TranAB16 [719], HamC16 [342], TranB12 [720], Wolf11 [766], ArtiguesF07 [38], FocacciLN00 [264]	IsikYA23 [398], YuraszeckMPV22 [779], GeitzGSSW22 [294], MengZRZL20 [529], CauwelaertDS20 [179], ZarandiASC20 [784], RiahiNS018 [630], Dejemeppe16 [213], GrimesH15 [319], LombardiM12 [489], Simonis07 [680], ArtiguesBF04 [36]	PrataAN23 [616], GuoZ23 [331], abs-2305-19888 [365], NaderiRR23 [558], Adelgren2023 [9], YunusogluY22 [777], PohlAK22 [609], NaderiBZ22a [552], HeinzNVH22 [364], OujanaAYB22 [587], HamPK21 [340], ArmstrongGOS21 [32], Bedhief21 [92], Astrand21 [44], Mercier-AubinGQ20 [532], MejiaY20 [523], RoshanaeiBAUB20 [639], MalapertN19 [512], Novas19 [572], KucukY19 [449], Hooker19 [389], ArbaouiY18 [29], LaborieRSV18 [453], FahimiOQ18 [254], Ham18 [341], RoshanaeiLAU17 [640], Pralet17 [614], HookerH17 [391], Fahimi16 [253]... (Total: 47)
Concepts	setup-time		Adelgren2023 [9], ZhuSZW23 [799], AlfieriGPS23 [19], CzerniachowskaWZ23 [197], PenzDN23 [598], KimCMLLP23 [425], GokPTGO23 [307], LiFJZLL22 [469], Bedhief21 [92], FanXG21 [258], AbreuAPNM21 [207], ArmstrongGOS21 [32], AstrandJZ20 [47], LaborieRSV18 [453], HookerH17 [391], NovaraNH16 [571], OrnekO16 [582], HamC16 [342], GaySS14 [287], KelarevaTK13 [420], OzturkTHO13 [590], ZampelliVSDR13 [782], Wolf11 [766], Malapert11 [509], ThiruvadyBME09 [709], BeniniBGM06 [108], HarjunoskiG02 [345], Timpe02 [713], Vilim02 [739]	EfthymiouY23 [238], YuraszeckMCCR23 [780], JuvinHL23 [409], AfsarVPG23 [10], JuvinHL23a [410], Mehdizadeh-Somarin23 [522], GuoZ23 [331], Fatemi-AnarakiTFV23 [260], JuvinHHL23 [407], JuvinHL22 [408], abs-2211-14492 [689], ZhangJZL22 [790], MullerMKP22 [547], Teppan22 [704], NaderiBZ22a [552], ZhangYW21 [792], AbohashimaEG21 [2], HamPK21 [340], BenderWS21 [103], Polo-MejiaALB20 [610], HauderBRPA20 [351], MokhtarzadehTNF20 [539], GokGSTO20 [306], GodetLHS20 [304], RoshanaeiBAUB20 [639], Caballero19 [158], abs-1902-09244 [350], WikarekS19 [762], BehrensLM19 [94]... (Total: 85)	
Concepts	single-machine scheduling		PenzDN23 [598], TouatBT22 [717], ZarandiASC20 [784], BajestaniB15 [53]	PrataAN23 [616], AlfieriGPS23 [19], Groleaz21 [322], BenediktMH20 [105], BogaerdtW19 [734], TerekhovDOB12 [705], KovacsB11 [436], WuBB09 [772], JainM99 [400]	BonninMNE24 [138], LuZZYW24 [498], Fatemi-AnarakiTFV23 [260], Mehdizadeh-Somarin23 [522], PohlAK22 [609], ZhangJZL22 [790], ElciOH22 [239], EmdeZD22 [243], KoehlerBFFHPSSS21 [428], HamPK21 [340], HillTV21 [373], QinWSLS21 [619], PandeyS21a [592], NattafDYW19 [563], NattafHKAL19 [564], Tom19 [714], Hooker19 [389], MalapertN19 [512], BenediktSMVH18 [106], TanT18 [695], Teschl18 [708], GomesM17 [314], TranWDRFOVB16 [726], ZarandiKS16 [783], TranAB16 [719], DoulabiRP16 [233], BurtLPS15 [156], LaborieR14 [454], BajestaniB13 [52]... (Total: 47)
Concepts	single-stage scheduling		HarjunoskiG02 [345]	TerekhovDOB12 [705]	

Table 11: Works for Concepts of Type Concepts

Type	Keyword	High	Medium	Low
Concepts	stochastic	ForbesHJST24 [267], NaderiBZ23 [555], AfsarVPG23 [10], GurPAE23 [332], GuoZ23 [331], GokPTGO23 [307], PenzDN23 [598], NaderiBZ22 [554], SubulanC22 [687], ElciOH22 [239], Astrand21 [44], Groleaz21 [322], AntuoriHHEN20 [25], ZarandiASC20 [784], RoshanaeiBAUB20 [639], Hooker19 [389], TranPZLDB18 [722], ShinBBHO18 [671], Froger16 [276], LombardiBM15 [483], BonfiettiLM14 [135], TerekhovTDB14 [706], HarjunkskiMBC14 [347], BajestaniB13 [52], LombardiMB13 [491], SchausHMCMD11 [651], Lombardi10 [482], LombardiMRB10 [492], LombardiM10a [486]... (Total: 38)	YuraszeckMC23 [778], OrnekOS20 [583], YuraszeckMPV22 [779], FarsiTM22 [259], AntuoriHHEN21 [26], HubnerGSV21 [395], AstrandJZ20 [47], SacramentoSP20 [645], Lunardi20 [501], FrimodigS19 [275], GurEA19 [803], ParkUJR19 [596], LaborieRSV18 [453], ZhangW18 [793], RoshanaeiLAU17 [640], HookerH17 [391], DoulabiRP16 [233], LimHTB16 [472], BajestaniB15 [53], TranTDB13 [723], LombardiM12a [488], CobanH11 [191], LombardiM10 [487], WuBB09 [772], DilkinaDH05 [223], BeckW04 [89], FrankK03 [272], JainM99 [400]	PrataAN23 [616], LuZZYW24 [498], AlfieriGPS23 [19], JuviniHL23a [410], AbreuPNF23 [3], MehdiZadeh-Somarin23 [522], AbreuNP23 [209], JuviniHL23 [409], NaderiBZ22a [552], AbreuN22 [208], CampeauG22 [162], ZhangJZL22 [790], PopovicCGNC22 [611], EmdeZD22 [243], LiFJZLL22 [469], EtminaniesfahaniGNMS22 [249], MullerMKP22 [547], PohlAK22 [609], AbohashimaEG21 [2], FanXG21 [258], VlkHT21 [750], AbreuAPNM21 [207], Lemos21 [463], GokGSTO20 [306], HauderBRPA20 [351], BadicaBI20 [49], AntunesABD20 [24], ZouZ20 [802], NattafDYW19 [563]... (Total: 92)
Concepts	stock level	LopesCSM10 [493], SimonisC95 [682]	German18 [297], RossiTHP07 [643], Timpe02 [713], Simonis99 [679]	KhemmoudjPB06 [424], SimonisCK00 [681], Beck99 [77], Simonis95a [677]
Concepts	sustainability			LuZZYW24 [498], MontemanniD23 [543], MontemanniD23a [542], MehdiZadeh-Somarin23 [522], AbreuPNF23 [3], PenzDN23 [598], CzerniachowskaWZ23 [197], PopovicCGNC22 [611], MullerMKP22 [547], BenediktMH20 [105], HoYCLLC18 [375], Froger16 [276], BridiBLMB16 [150], Madi-WambaB16 [506], GrimesIOS14 [321], IfrimOS12 [397]
Concepts	tardiness	PrataAN23 [616], NaderiRR23 [558], IsikYA23 [398], GokPTGO23 [307], KimCMLLP23 [425], NaderiBZ23 [555], LacknerMMWW23 [456], AlfieriGPS23 [19], AbreuPNF23 [3], WinterMMW22 [763], YunusogluY22 [777], OujanaAYB22 [587], NaderiBZ22 [554], PohlAK22 [609], TouatBT22 [717], AbreuN22 [208], abs-2211-14492 [689], Groleaz21 [322], FanXG21 [258], LacknerMMWW21 [455], AntuoriHHEN21 [26], ZarandiASC20 [784], HauderBRPA20 [351], GroleazNS20a [323], Mercier-AubinGQ20 [532], MengZRZL20 [529], TangB20 [698], AntuoriHHEN20 [25], ParkUJR19 [596]... (Total: 66)	abs-2402-00459 [567], AbreuNP23 [209], PenzDN23 [598], SubulanC22 [687], FarsiTM22 [259], EmdeZD22 [243], ElciOH22 [239], ColT22 [199], KovacsTKSG21 [441], AbreuAPNM21 [207], GroleazNS20 [324], GokGSTO20 [306], Lunardi20 [501], GokgurHO18 [308], GedikKEK18 [288], Hooker17 [388], CireCH16 [187], TranAB16 [719], ThiruvadyWGS14 [710], TerekhovTDB14 [706], HarjunkskiMBC14 [347], BajestaniB13 [52], Malapert11 [509], NovasH10 [573], BartakSR10 [71], Beck06 [78], QuirogaZH05 [623], GodardLN05 [302], Hooker05 [381]... (Total: 32)	MehdiZadeh-Somarin23 [522], JuviniHL23 [409], TasselGS23 [701], abs-2306-05747 [702], LiFJZLL22 [469], EtminaniesfahaniGNMS22 [249], NaderiBZ22a [552], ZhangJZL22 [790], VlkHT21 [750], KoehlerBFFHPSS21 [428], HanenKP21 [344], HamPK21 [340], GeibingerMM21 [293], Astrand21 [44], QinWSLS21 [619], HubnerGSV21 [395], Bedhief21 [92], QinDCS20 [620], MejiaY20 [523], LunardiBLRV20 [500], Polo-MejiaALB20 [610], Tom19 [714], Novas19 [572], RiahiNS018 [630], ZhangW18 [793], KreterSSZ18 [444], Ham18a [335], RoshanaeiLAU17 [640], HookerH17 [391]... (Total: 80)
Concepts	task	PrataAN23 [616], ForbesHJST24 [267], BonninMNE24 [138], abs-2402-00459 [567], LuZZYW24 [498], JuviniHHL23 [407], WangB23 [756], YuraszeckMCCR23 [780], PovedaAA23 [613], AfsarVPG23 [10], KameugneFND23 [415], GokPTGO23 [307], AkramNHRSA23 [16], JuviniHL23 [409], CzerniachowskaWZ23 [197], Fatemi-AnarakiTFV23 [260], Adelgren2023 [9], abs-2305-19888 [365], NaderiBZ22a [552], LiFJZLL22 [469], CampeauG22 [162], OuelletQ22 [586], GeitzGSSW22 [294], HeinzNVH22 [364], ColT22 [199], SubulanC22 [687], FetgoD22 [262], JuviniHL22 [408], abs-2211-14492 [689]... (Total: 281)	JuviniHL23a [410], MontemanniD23a [542], Bit-Monnot23 [118], IsikYA23 [398], MontemanniD23 [543], SquillacipR23 [686], LacknerMMWW23 [456], ShaiKhK23 [668], WinterMMW22 [763], FarsiTM22 [259], OujanaAYB22 [587], YuraszeckMPV22 [779], PopovicCGNC22 [611], MullerMKP22 [547], AbreuN22 [208], SvancaraB22 [692], HubnerGSV21 [395], BenderWS21 [103], GeibingerMM21 [293], ZouZ20 [802], Polo-MejiaALB20 [610], AntuoriHHEN20 [25], BadicaBI20 [49], BarzegaranZP20 [76], WallaceY20 [754], WikarekS19 [762], Caballero19 [158], German18 [297], DemirovicS18 [218]... (Total: 69)	ZhuSZW23 [799], TardivoDFMP23 [700], abs-2306-05747 [702], MarliereSPR23 [517], NaderiRR23 [558], TasselGS23 [701], EfthymiouY23 [238], PerezGSL23 [599], abs-2312-13682 [600], MehdiZadeh-Somarin23 [522], GuoZ23 [331], ZhangJZL22 [790], ZhangBB22 [791], EmdeZD22 [243], Teppan22 [704], ArmstrongGOS22 [33], abs-2102-08778 [193], AntuoriHHEN21 [26], ZhangYW21 [792], FanXG21 [258], AbreuAPNM21 [207], LacknerMMWW21 [455], HamPK21 [340], AstrandJZ20 [47], SacramentoSP20 [645], BenediktMH20 [105], HauderBRPA20 [351], FallahiAC20 [257], MengZRZL20 [529]... (Total: 118)

Table 11: Works for Concepts of Type Concepts

Type	Keyword	High	Medium	Low
Concepts	temporal constraint reasoning			BartakSR10 [71], KeriK07 [422], FortinZDF05 [268]
Concepts	transportation	LuZZYW24 [498], MarliereSPR23 [517], GuoZ23 [331], CzerniachowskaWZ23 [197], PohlAK22 [609], BourreauGGLT22 [146], ArmstrongGOS22 [33], EmdeZD22 [243], GeitzGSSW22 [294], Lemos21 [463], ArmstrongGOS21 [32], ThomasKS20 [711], QinDCS20 [620], Lunardi20 [501], SacramentoSP20 [645], MurinR19 [548], Hooker19 [389], Ham18 [341], PourDERB18 [612], TangLWSK18 [699], CappartTSR18 [164], Froger16 [276], GoelSHFS15 [305], NovasH14 [575], BlomBPS14 [121], ZampelliVSDR13 [782], KelarevaTK13 [420], NovasH12 [574], HachemiGR11 [334]... (Total: 37)	AfsarVPG23 [10], KimCMLLP23 [425], Fatemi-AnarakiTFV23 [260], NaderiRR23 [558], GokPTGO23 [307], NaderiBZ23 [555], AbreuPNF23 [3], AbreuN22 [208], SubulanC22 [687], PopovicCGNC22 [611], NaderiBZ22 [554], ElciOH22 [239], Astrand21 [44], Godet21a [303], AbohashimaEG21 [2], FallahiAC20 [257], MengZRZL20 [529], MejiaY20 [523], ZarandiASC20 [784], LaborieRSV18 [453], EvenSH15 [250], MelgarejoLS15 [14], HarjunkskiMBC14 [347], RendlPHPR12 [629], Malapert11 [509], MakMS10 [508], MouraSCL08 [546], MouraSCL08a [545], LimRX04 [471]... (Total: 33)	Adelgren2023 [9], AalianPG23 [1], PerezGSL23 [599], AlfieriGPS23 [19], ZhuSZW23 [799], IsikYA23 [398], AbreuNP23 [209], abs-2312-13682 [600], WangB23 [756], MontemanniD23a [542], NaderiBZ22a [552], BoudreaultSLQ22 [144], abs-2211-14492 [689], ZhangJZL22 [790], YuraszeckMPV22 [779], LiFJZLL22 [469], ColT22 [199], YunusogluY22 [777], AntuoriHHEN21 [26], HubnerGSV21 [395], Bedhief21 [92], Groleaz21 [322], GroleazNS20a [323], AntunesABD20 [24], WallaceY20 [754], HauderBRPA20 [351], CauwelaertDS20 [179], Novas19 [572], HoundjiSW19 [393]... (Total: 94)
Concepts	two-machine scheduling			AbreuNP23 [209]
Concepts	two-stage scheduling			Astrand21 [44], QinWSLS21 [619], ZarandiASC20 [784], ZouZ20 [802], TangB20 [698]
Concepts	unavailability	Lemos21 [463], Astrand21 [44], LunardiBLRV20 [500], Lunardi20 [501], ZhangW18 [793], Froger16 [276], BajestaniB15 [53], AkkerDH07 [733], KhemmoudjPB06 [424]	Mehdizadeh-Somarin23 [522], PenzDN23 [598], TouatBT22 [717], KovacsTKSG21 [441], SerraNM12 [667], LorigeonBB02 [495]	WangB23 [756], PovedaAA23 [613], GuoZ23 [331], abs-2305-19888 [365], ShaikhK23 [668], YunusogluY22 [777], HeinzNVH22 [364], FanXG21 [258], PandeyS21a [592], WangB20 [755], AstrandJZ20 [47], KreterSSZ18 [444], ArbaouiY18 [29], TranVNB17 [724], KreterSS17 [443], BurtLPS15 [156], KreterSS15 [442], GoelSHFS15 [305], NovasH14 [575], HarjunkskiMBC14 [347], GuyonLPR12 [333], NovasH10 [573], FoxS90 [270]

7.2 Concept Type Classification

Table 12: Works for Concepts of Type Classification

Type	Keyword	High	Medium	Low
Classification	2BPHFSP	TangB20 [698]		
Classification	BPCTOP	KelarevaTK13 [420]		
Classification	Bulk Port Cargo Throughput Optimi- sation Problem			KelarevaTK13 [420]
Classification	CECSP	NattafHKAL19 [564], NattafAL17 [561], Nattaf16 [559], NattafALR16 [562], NattafAL15 [560]		
Classification	CHSP	EfthymiouY23 [238], WallaceY20 [754]		
Classification	CTW	KoehlerBFFHPSSS21 [428]	Lombardi10 [482]	
Classification	CuSP	KameugneFND23 [415], FetgoD22 [262], Tesch18 [708], KameugneFGOQ18 [414], Tesch16 [707], NattafALR16 [562], Nattaf16 [559], Froger16 [276], NattafAL15 [560], Derrien15 [219], Kameugne14 [412], KameugneFSN14 [418], DerrienPZ14 [221], KameugneFSN11 [417], SchuttW10 [665], DemasseY03 [216], BaptistePN99 [60]	Fahimi16 [253], GingrasQ16 [301], OuelletQ13 [584], Elkhyari03 [240]	TardivoDFMP23 [700], HanenKP21 [344], Zahout21 [781], DerrienP14 [220]
Classification	EOSP		SquillaciPR23 [686]	
Classification	Earth Observation Scheduling Problem		SquillaciPR23 [686]	
Classification	FJS	JuvinHL23a [410], WangB23 [756], YuraszeckMCCR23 [780], JuvinHL22 [408], MullerMKP22 [547], Teppan22 [704], HamPK21 [340], WangB20 [755], Lunardi20 [501], LunardiBLRV20 [500], ZarandiASC20 [784], MengZRZL20 [529], Novas19 [572], MossigeGSMC17 [544], HamC16 [342]	OujanaAYB22 [587], HauderBRPA20 [351], abs-1902-09244 [350], ZhangW18 [793], SchuttFS13 [658]	NaderiRR23 [558], ColT22 [199], ZhouGL15 [797]
Classification	Fixed Job Scheduling	WangB20 [755]	WangB23 [756]	
Classification	GCSP	Groleaz21 [322], GroleazNS20 [324]		
Classification	HFF	ArmstrongGOS22 [33], OujanaAYB22 [587], ArmstrongGOS21 [32], ZhouGL15 [797]		
Classification	HFFTT	ArmstrongGOS22 [33], ArmstrongGOS21 [32]		
Classification	HFS	IsikYA23 [398], ZhangJZL22 [790], Astrand21 [44], ArmstrongGOS21 [32], Bedhief21 [92], TangB20 [698], MengZRZL20 [529], Baptiste02 [56]		ArmstrongGOS22 [33], ZarandiASC20 [784], Novas19 [572], ZhouGL15 [797]
Classification	JSPT		MurinR19 [548]	
Classification	JSSP	TasselGS23 [701], JuvinHL23a [410], JuvinHHL23 [407], YuraszeckMC23 [778], YuraszeckMCCR23 [780], abs-2306-05747 [702], JuvinHL22 [408], Teppan22 [704], ColT22 [199], YuraszeckMPV22 [779], GeitzGSSW22 [294], Godet21a [303], abs-2102-08778 [193], ZarandiASC20 [784], ColT19 [194], Pralet17 [614], MenciaSV13 [526], MenciaSV12 [525], KelbelH11 [421], BidotVLB09 [116], GodardLN05 [302], Baptiste02 [56], SourdN00 [685], TorresL00 [716], PapaB98 [595], NuijtenP98 [578], NuijtenA96 [577], NuijtenA94 [576]	GalleguillosKSB19 [279], LombardiBM15 [483], SialaAH15 [674], BelhadjiI98 [102]	Mehdizadeh-Somarin23 [522], CzerniachowskaWZ23 [197], EfthymiouY23 [238], WikarekS19 [762], PraletLJ15 [615], GrimesH15 [319], BajestaniB11 [51], ChenGPSH10 [183]

Table 12: Works for Concepts of Type Classification

Type	Keyword	High	Medium	Low
Classification	KRFP	KamarainenS02 [411], SakkoutW00 [649]		
Classification	LSFRP	KelarevaTK13 [420]		
Classification	Liner Shipping Fleet Repositioning Problem		KelarevaTK13 [420]	
Classification	MGAP	Darby-DowmanLMZ97 [203]		
Classification	OSP	NaderiRR23 [558], LacknerMMWW23 [456], Bit-Monnot23 [118], LacknerMMWW21 [455], Groleaz21 [322], GombolayWS18 [312], GrimesH15 [319], Siala15 [672], GayHLS15 [284], Siala15a [673], MalapertCGJLR12 [510]	SquillaciPR23 [686], GrimesHM09 [320], MonetteDD07 [540]	MengZRZL20 [529]
Classification	OSSP	YuraszeckMC23 [778], AbreuPNF23 [3], AbreuNP23 [209], YuraszeckMPV22 [779], ColT22 [199], AbreuN22 [208], AbreuAPNM21 [207], MejiaY20 [523], Baptiste02 [56]		YuraszeckMCCR23 [780], ZarandiASC20 [784]
Classification	Open Shop Scheduling Problem	AbreuPNF23 [3], AbreuNP23 [209], AbreuN22 [208], AbreuAPNM21 [207], MejiaY20 [523], ZarandiASC20 [784]	Malapert11 [509], LorigeonBB02 [495]	PrataAN23 [616], NaderiRR23 [558], Bit-Monnot23 [118], YuraszeckMCCR23 [780], YuraszeckMPV22 [779], ColT22 [199], Groleaz21 [322], MengZRZL20 [529], SacramentoSP20 [645], HookerH17 [391], GrimesH15 [319], MalapertCGJLR13 [511], MalapertCGJLR12 [510], Schutt11 [655], GrimesH10 [317], OhrimenkoSC09 [581], GrimesHM09 [320], MonetteDD07 [540], Baptiste02 [56], JussienL02 [406], VerfaillieL01 [738]
Classification	PJSSP	Baptiste02 [56]	PapaB98 [595]	
Classification	PMSP	NaderiRR23 [558], YunusogluY22 [777], WinterMMW22 [763], PandeyS21a [592], Godet21a [303], GodetLHS20 [304], MalapertN19 [512], GedikKEK18 [288], GomesM17 [314], TranAB16 [719], TranB12 [720]	VlkHT21 [750], NattafM20 [565]	ColT22 [199], OujanaAYB22 [587], ZarandiASC20 [784]
Classification	PTC	NattafM20 [565], MalapertN19 [512], NattafDYW19 [563]	NaderiRR23 [558]	CzerniachowskaWZ23 [197], Teppan22 [704], Dejemeppe16 [213]
Classification	Partial Order Schedule		LombardiBM15 [483], BonfiettiLM14 [135]	Bit-Monnot23 [118], Astrand0F21 [45], Astrand21 [44], CappartTSR18 [164], BonfiettiLBM14 [133], LaborieR14 [454], GaySS14 [287], LombardiM12 [489], LombardiM12a [488], LombardiM10 [487], CarchraeBF05 [166]
Classification	RCMPSP	HauderBRPA20 [351], abs-1902-09244 [350]		ArtiguesR00 [42]
Classification	RCPSP	YuraszeckMCCR23 [780], GokPTGO23 [307], PovedaAA23 [613], CampeauG22 [162], BoudreaultSLQ22 [144], EtminaniefahaniGNMS22 [249], FetgoD22 [262], SubulanC22 [687], GeibingerMM21 [293], HubnerGSV21 [395], Godet21a [303], BenderWS21 [103], HillTV21 [373], Zahout21 [781], ArtiguesHQT21 [39], Groleaz21 [322], ZarandiASC20 [784], HauderBRPA20 [351], Polo-MejiaALB20 [610], GokGSTO20 [306], GeibingerMM19 [292], abs-1911-04766 [291], Caballero19 [158], abs-1902-09244 [350], ArkhipovBL19 [31], KreterSSZ18 [444], KameugneFGOQ18 [414], LaborieRSV18 [453], TangLWSK18 [699]... (Total: 67)	Caballero23 [159], KameugneFND23 [415], TardivoDFMP23 [700], KovacsTKSG21 [441], GroleazNS20a [323], Tesch18 [708], CauwelaertLS18 [178], BaptisteB18 [58], Dejemeppe16 [213], NattafAL15 [560], GayHLS15 [284], LombardiBM15 [483], KameugneFSN14 [418], LaborieR14 [454], LombardiM13 [490], LombardiMB13 [491], KameugneFSN11 [417], HeinzS11 [362], abs-1009-0347 [660], KeriK07 [422], KovacsV06 [440], HeipckeCCS00 [366], ArtiguesR00 [42]	AbreuPNF23 [3], NaderiRR23 [558], GeitzGSSW22 [294], TouatBT22 [717], HanenKP21 [344], Astrand21 [44], Lemos21 [463], ZhangYW21 [792], Mercier-AubinGQ20 [532], NattafHKAL19 [564], WikarekS19 [762], OuelletQ18 [585], FahimiOQ18 [254], HookerH17 [391], GingrasQ16 [301], Tesch16 [707], NattafALR16 [562], BonfiettiZLM16 [137], Fahimi16 [253], CauwelaertLS15 [177], Siala15 [672], Siala15a [673], SialaAH15 [674], GayHS15a [286], DerrienPZ14 [221], BonfiettiLBM14 [133], KoschB14 [433], BonfiettiLM14 [135], OuelletQ13 [584]... (Total: 47)
Classification	RCPSPDC			CampeauG22 [162], HubnerGSV21 [395]
Classification	RTMP	MarliereSPR23 [517]		

Table 12: Works for Concepts of Type Classification

Type	Keyword	High	Medium	Low
Classification	Resource-constrained Project Scheduling Problem	PovedaAA23 [613], SubulanC22 [687], BoudreaultSLQ22 [144], EtminaniesfahaniGNMS22 [249], HillTV21 [373], Godet21a [303], ZarandiASC20 [784], Caballero19 [158], abs-1902-09244 [350], SchnellH15 [653], HeinzSB13 [363], LombardiM12 [489], SchuttFSW11 [661], Schutt11 [655], Lombardi10 [482], DemasseyAM05 [217], Demassey03 [216]	KameugneFND23 [415], YuraszekMCCR23 [780], Groleaz21 [322], Astrand21 [44], HubnerGSV21 [395], GokGSTO20 [306], Polo-MejiaALB20 [610], HauderBRPA20 [351], ArkhipovBL19 [31], NattafHKAL19 [564], KameugneFGOQ18 [414], BofilCSV17 [127], YoungFS17 [775], SchuttS16 [664], Nattaf16 [559], SzerediS16 [693], AmadiniGM16 [21], VilimLS15 [748], Kameugne14 [412], SchuttFSW13 [662], SchuttFS13a [657], GuSS13 [327], LombardiM12a [488], SchuttCSW12 [656], GuSW12 [329], abs-1009-0347 [660], LiessM08 [470], BeckW07 [91], KovacsV04 [439]... (Total: 34)	abs-2402-00459 [567], LuZZYW24 [498], Caballero23 [159], GokPTGO23 [307], NaderiRR23 [558], CampeauG22 [162], FetgoD22 [262], MullerMKP22 [547], ZhangYW21 [792], HanenKP21 [344], ArtiguesHQT21 [39], GeibingerMM21 [293], GroleazNS20a [323], GroleazNS20 [324], AstrandJZ20 [47], SacramentoSP20 [645], BadicaBI20 [49], abs-1911-04766 [291], GalleguillosKSB19 [279], GeibingerMM19 [292], CauwelaertLS18 [178], Tesch18 [708], LaborieRSV18 [453], KreterSSZ18 [444], FahimiOQ18 [254], GombolayWS18 [312], BaptisteB18 [58], KreterSS17 [443], MossigeGSMC17 [544]... (Total: 63)
Classification	Resource-constrained Project Scheduling Problem with Discounted Cashflow			ZarandiASC20 [784]
Classification	SBSFMMAL	OzturkTHO13 [590], OzturkTHO10 [589]	OzturkTHO15 [591]	
Classification	SCC	KimCMLLP23 [425], WolinskiKG04 [770]	SchuttFSW13 [662], Lombardi10 [482], abs-1009-0347 [660]	PohlAK22 [609], Zahout21 [781], LombardiMB13 [491], BeniniLMR11 [111], SchausHMCMD11 [651], LombardiMRB10 [492], BeniniLMR08 [110], BeniniLMMR08 [109]
Classification	TCSP	BelhadjiI98 [102]		Zahout21 [781], BartakSR10 [71], LombardiM10a [486], Lombardi10 [482], Demassey03 [216]
Classification	TMS	PopovicCGNC22 [611], Froger16 [276]	BegB13 [93]	CappartS17 [163], Siala15a [673], Siala15 [672], JussienL02 [406]
Classification	Temporal Constraint Satisfaction Problem		BelhadjiI98 [102]	BartakSR10 [71], MoffittPP05 [538], Elkhyari03 [240]
Classification	parallel machine	PrataAN23 [616], abs-2305-19888 [365], Adelgren2023 [9], IsikYA23 [398], CzerniachowskaWZ23 [197], NaderiRR23 [558], YunusogluY22 [777], ZhangJZL22 [790], WinterMMW22 [763], HeinzNVH22 [364], OujanaAYB22 [587], PandeyS21a [592], Astrand21 [44], Godet21a [303], Groleaz21 [322], ZarandiASC20 [784], MengZRZL20 [529], Lunardi20 [501], GodetLHS20 [304], NattafM20 [565], NattafDYW19 [563], MalapertN19 [512], GokgurHO18 [308], GedikKEK18 [288], ArbaouiY18 [29], TanT18 [695], GomesM17 [314], HebrardHJMPV16 [354], TranAB16 [719]... (Total: 35)	NaderiBZ23 [555], PenzDN23 [598], JuvinHL23a [410], Fatemi-AnarakiTFV23 [260], AbreuPNF23 [3], AbreuNP23 [209], Teppan22 [704], NaderiBZ22 [554], EmdeZD22 [243], ColT22 [199], Zahout21 [781], Bedhief21 [92], MokhtarzadehTNF20 [539], SacramentoSP20 [645], MejiaY20 [523], ParkUJR19 [596], Novas19 [572], BogaerdTW19 [734], Ham18a [335], BenediktSMVH18 [106], RoshanaeiLAU17 [640], CatusseCBL16 [175], ZhouGL15 [797], TerekhovTDB14 [706], TranTDB13 [723], BajestaniB13 [52], GuyonLPR12 [333], KovacsB11 [436], AkkerDH07 [733]... (Total: 31)	KimCMLLP23 [425], GuoZ23 [331], JuvinHHL23 [407], LacknerMMWW23 [456], Mehdizadeh-Somarin23 [522], AlfieriGPS23 [19], JuvinHL22 [408], ArmstrongGOS22 [33], OrnekOS20 [583], EtminaniesfahaniGNMS22 [249], NaderiBZ22a [552], HanenKP21 [344], FanXG21 [258], AbohashimaEG21 [2], AbreuAPNM21 [207], HamPK21 [340], LacknerMMWW21 [455], RoshanaeiBAUB20 [639], GroleazNS20a [323], QinDCS20 [620], AstrandJZ20 [47], NishikawaSTT19 [570], Hooker19 [389], ArkhipovBL19 [31], Ham18 [341], BaptisteB18 [58], LaborieRSV18 [453], HookerH17 [391], KletzanderM17 [427]... (Total: 51)
Classification	psplib	TardivoDFMP23 [700], Caballero19 [158], ArkhipovBL19 [31], KreterSSZ18 [444], OuelletQ18 [585], GayHS15a [286], Derrien15 [219], LetortCB15 [467], KameugneFSN14 [418], DerrienP14 [220], Kameugne14 [412], SchuttFSW13 [662], SchuttFS13a [657], HeinzSB13 [363], Letort13 [464], Clercq12 [210], SchuttFSW11 [661], Schutt11 [655], BertholdHMLS10 [114], SchuttFSW09 [659], Demassey03 [216]	KameugneFND23 [415], BoudreaultSLQ22 [144], EtminaniesfahaniGNMS22 [249], HillTV21 [373], BadicaBI20 [49], Tesch18 [708], FahimiOQ18 [254], BaptisteB18 [58], Tesch16 [707], GingrasQ16 [301], Nattaf16 [559], SzerediS16 [693], VilimLS15 [748], GayHLS15 [284], LombardiIBM15 [483], BonfiettiLM14 [135], LetortCB13 [466], LombardiM12a [488], LetortBC12 [465], HeinzS11 [362], Vilim11 [745], abs-1009-0347 [660], SchuttW10 [665]	Godet21a [303], CauwelaertLS18 [178], LaborieRSV18 [453], YoungFS17 [775], Pralet17 [614], BofilCSV17 [127], Dejemeppe16 [213], SchnellH15 [653], CauwelaertLS15 [177], ThiruvadyWGS14 [710], LombardiM13 [490], OuelletQ13 [584], LombardiM12 [489], KameugneFSN11 [417], LiessM08 [470], FortinZDF05 [268], DemasseyAM05 [217], ElkhyariGJ02a [242]
Classification	rtRTMP	MarliereSPR23 [517]		

Table 12: Works for Concepts of Type Classification

Type	Keyword	High	Medium	Low
Classification	single machine	BonninMNE24 [138], PrataAN23 [616], AlfieriGPS23 [19], LacknerMMWW23 [456], PenzDN23 [598], TouatBT22 [717], HamPK21 [340], Groleaz21 [322], BenediktMH20 [105], ZarandiASC20 [784], BogaerdtW19 [734], BajestaniB15 [53], BajestaniB13 [52], TerekhovDOB12 [705], KovacsB11 [436], ThiruvadyBME09 [709], WuBB09 [772], KovacsB07 [434], SadykovW06 [648], KanetAG04 [419], Elkhyari03 [240], Baptiste02 [56], SourdN00 [685], BlazewiczDP96 [157]	NaderiBZ23 [555], ZhangBB22 [791], EmdeZD22 [243], NaderiBZ22 [554], ElciOH22 [239], YuraszeckMPV22 [779], Bedhief21 [92], KoehlerBFFHPSSS21 [428], LacknerMMWW21 [455], PandeyS21a [592], Astrand21 [44], HillTV21 [373], Zahout21 [781], AbreuAPNM21 [207], NattafM20 [565], Lunardi20 [501], BenediktSMVH18 [106], Tesch18 [708], TranPZLDB18 [722], TanT18 [695], GomesM17 [314], TranAB16 [719], LaborieR14 [454], KoschB14 [433], BillautHL12 [117], TranB12 [720], KovacsK11 [438], Malapert11 [509], Beck10 [80]... (Total: 38)	abs-2402-00459 [567], LuZZYW24 [498], IsikYA23 [398], NaderiRR23 [558], Fatemi-AnarakiTFV23 [260], JuvinHL23a [410], Mehdizadeh-Somarin23 [522], GeitzGSSW22 [294], JuvinHL22 [408], ZhangJZL22 [790], AbreuN22 [208], ColT22 [199], abs-2211-14492 [689], PohlAK22 [609], LiFJZLL22 [469], Godet21a [303], FanXG21 [258], QinWSLS21 [619], KovacsTKSG21 [441], GodetLHS20 [304], TangB20 [698], ParkUJR19 [596], Tom19 [714], HoundjiSW19 [393], NattafDYW19 [563], NattafHKAL19 [564], Hooker19 [389], MalapertN19 [512], GedikKEK18 [288]... (Total: 88)

7.3 Concept Type Constraints

Table 13: Works for Concepts of Type Constraints

Type	Keyword	High	Medium	Low
Constraints	AllDiff constraint	WangB20 [755]		Godet21a [303], FahimiOQ18 [254], Fahimi16 [253], Lombardi10 [482]
Constraints	AllDiffPrec constraint	Godet21a [303]		JuvinHHL23 [407]
Constraints	AlwaysConstant		LuoB22 [503], LaborieRSV18 [453]	
Constraints	Among constraint	Siala15a [673], Siala15 [672], BeldiceanuC94 [100]	Simonis07 [680]	German18 [297], HookerH17 [391], Refalo00 [627], Simonis95 [678], AggounB93 [11]
Constraints	AmongSeq constraint		Siala15 [672], Siala15a [673]	
Constraints	Arithmetic constraint		ColT22 [199]	BadicaBI20 [49], Caballero19 [158], BadicaBIL19 [50], LaborieRSV18 [453], Schutt11 [655], OhrimenkoSC09 [581], ElkhyariGJ02a [242], Baptiste02 [56], Thorsteinsson01 [712], Refalo00 [627], SakkoutW00 [649], FalaschiGMP97 [256], BeldiceanuC94 [100], AggounB93 [11]
Constraints	AtMostSeq	Siala15a [673], Siala15 [672]		
Constraints	AtMostSeqCard	Siala15 [672], Siala15a [673]		
Constraints	Atmost constraint	Siala15a [673], Siala15 [672]		
Constraints	Balance constraint	Laborie03 [450]	Timpe02 [713], Muscettola02 [550]	Simonis07 [680], BeldiceanuC94 [100]
Constraints	BinPacking constraint			GuoZ23 [331], PopovicCGNC22 [611], German18 [297], SchuttS16 [664], Siala15 [672], Siala15a [673], GrimesH15 [319], Kameugne14 [412], DerrienPZ14 [221], TerekhovDOB12 [705], Lombardi10 [482], GrimesHM09 [320], LombardiM09 [485], BeckW07 [91], BeckW05 [90]
Constraints	Blocking constraint	AbreuNP23 [209], RiahiNS018 [630]		Godet21a [303], AntunesABD18 [23]
Constraints	BufferedResource	BessiereHMQW14 [115]		IsikYA23 [398], LiFJZLL22 [469], MengZRZL20 [529], RodriguezS09 [637], Rodriguez07b [635], Rodriguez07 [634]
Constraints	Calendar constraint	KreterSSZ18 [444], KreterSS17 [443]	KreterSS15 [442]	
Constraints	CardPath			PovedaAA23 [613], IsikYA23 [398], Polo-MejiaALB20 [610], LaborieRSV18 [453]
Constraints	Cardinality constraint	Caballero19 [158], Dejemeppe16 [213], Siala15a [673], Siala15 [672], SchausHMCMD11 [651], Malik08 [513]	OuelletQ22 [586], HoundjiSW19 [393], German18 [297], MusliuSS18 [551], HookerH17 [391], Fahimi16 [253], BofilGVS15 [129], HoundjiSWD14 [394], ChuGNSW13 [184], HachemiGR11 [334], MilanoW09 [536], MalikMB08 [514], Simonis07 [680], MilanoW06 [535]	Siala15 [672], Siala15a [673]
Constraints	Channeling constraint	OzturkTHO13 [590], Wallace06 [753]	KoehlerBFFHPSSS21 [428], BofilEGPSV14 [128], HeinzB12 [359]	GeibingerKKMMW21 [290], Godet21a [303], Lemos21 [463], CauwelaertDS20 [179], TangB20 [698], abs-1911-04766 [291], TranVNB17 [724], PesantRR15 [603], DoulabiRP14 [232], BessiereHMQW14 [115], BajestaniB13 [52], LimtanyakulS12 [475], Menana11 [524], BajestaniB11 [51], ClercqPB11 [189], KovacsB11 [436], abs-0907-0939 [605], OhrimenkoSC09 [581], KovacsB08 [435], CambazardHDJT04 [160], BourdaisGP03 [145], Baptiste02 [56], Refalo00 [627], BeckF00 [86], PapaB98 [595], AggounB93 [11]
Constraints	Completion constraint	KovacsB11 [436], KovacsB08 [435], KovacsB07 [434]	BonninMNE24 [138]	WangB23 [756], AntuoriHHEN20 [25], LiuLH19 [477], GokgurHO18 [308], BofilGVS15 [129], HeinzKB13 [360], KovacsB11 [436], WuBB09 [772], MilanoW09 [536], MouraSCL08 [546], MouraSCL08a [545], GarganiR07 [281], MilanoW06 [535], CambazardHDJT04 [160]
Constraints	CumulativeCost	SimonisH11 [683]		HeckmanB11 [358]

Table 13: Works for Concepts of Type Constraints

Type	Keyword	High	Medium	Low
Constraints	Cumulatives constraint	BeldiceanuC02 [97]	MossigeGSMC17 [544], Madi-WambaLOBM17 [507]	KameugneFND23 [415], TardivoDFMP23 [700], OuelletQ22 [586], BoudreaultSLQ22 [144], ArkhipovBL19 [31], OuelletQ18 [585], FahimiOQ18 [254], Fahimi16 [253], SchuttS16 [664], Dejemeppe16 [213], GayHS15a [286], LetortCB15 [467], GayHS15 [285], CauwelaertLS15 [177], Kameugne14 [412], DerrienPZ14 [221], OuelletQ13 [584], Letort13 [464], Clercq12 [210], LetortBC12 [465], SimonisH11 [683], ClercqPBJ11 [189], Malapert11 [509], Wolf11 [766], MilanoW09 [536], abs-0907-0939 [605], Simonis07 [680], MilanoW06 [535]
Constraints	Diff2 constraint			WolinskiKG04 [770], KuchcinskiW03 [447]
Constraints	Disjunctive constraint	KoehlerBFFHPSSS21 [428], Godet21a [303], GrimesH15 [319], Malapert11 [509], Baptiste02 [56], SourdN00 [685], RodosekW98 [632], PapaB98 [595], Zhou97 [796], DincbasSH90 [226]	BonninMNE24 [138], JuvinHHL23 [407], NaderiRR23 [558], BourreauGGLT22 [146], GodetLHS20 [304], GokgurHO18 [308], Fahimi16 [253], KuB16 [445], SialaAH15 [674], Siala15a [673], MelgarejoLS15 [14], Siala15 [672], SchuttFS13 [658], OzturkTHO13 [590], GrimesH11 [318], LombardiM10a [486], Lombardi10 [482], BartakSR10 [71], GrimesH10 [317], GrimesHM09 [320], ArtiguesBF04 [36], KanetAG04 [419], Laborie03 [450], ElkhyariGJ02a [242], SchildW00 [652], FocacciLN00 [264], BeckF00 [86], SakkoutW00 [649], Belhadji198 [102]... (Total: 32)	abs-2402-00459 [567], KameugneFND23 [415], Bit-Monnot23 [118], MarliereSPR23 [517], JuvinHL23a [410], NaderiBZ23 [555], NaderiBZ22a [552], JuvinHL22 [408], ZhangBB22 [791], abs-2211-14492 [689], BoudreaultSLQ22 [144], YuraszcekMPV22 [779], NaderiBZ22 [554], Groleaz21 [322], Astrand21 [44], AstrandOF21 [45], Polo-MejiaALB20 [610], MejiaY20 [523], AstrandJZ20 [47], WallaceY20 [754], German18 [297], LaborieRSV18 [453], KameugneFGOQ18 [414], TanT18 [695], FahimiOQ18 [254], DemirovicS18 [218], OrnekO16 [582], Dejemeppe16 [213], MurphyMB15 [549]... (Total: 74)
Constraints	Element constraint	Dejemeppe16 [213]	KreterSS17 [443], Wolf11 [766], Darby-DowmanLMZ97 [203]	LacknerMMWW23 [456], LuoB22 [503], Godet21a [303], LacknerMMWW21 [455], TangB20 [698], AntuoriHHEN20 [25], KreterSSZ18 [444], LiuCGM17 [480], Madi-WambaLOBM17 [507], SzerediS16 [693], OrnekO16 [582], DoulabiRP16 [233], KreterSS15 [442], DoulabiRP14 [232], HoundjiSWD14 [394], BessiereHMQW14 [115], OzturkTHO12 [588], SimonisH11 [683], SchausHMCMD11 [651], Malapert11 [509], Schutt11 [655], MouraSCL08 [546], SchausD08 [650], GarganiR07 [281], CambazardHDJT04 [160], Refalo00 [627], BeldiceanuC94 [100]
Constraints	Flowtime constraint	BonninMNE24 [138]		
Constraints	GCC constraint	HoundjiSW19 [393], Dejemeppe16 [213], HoundjiSWD14 [394]	SchausHMCMD11 [651]	OuelletQ22 [586], TangB20 [698], CauwelaertLS18 [178], Siala15 [672], Siala15a [673], CauwelaertLS15 [177], BajestaniB13 [52], HachemiGR11 [334], MilanoW09 [536], Simonis07 [680], MilanoW06 [535]
Constraints	GeneralizedAllDiffPrec	Godet21a [303]		
Constraints	IloAlternative			HeinzB12 [359]
Constraints	IloAlwaysIn			KreterSS17 [443], BajestaniB13 [52]
Constraints	IloForbidEnd			KreterSS17 [443]
Constraints	IloNoOverlap			GrimesH15 [319]
Constraints	IloPack		SchausD08 [650]	
Constraints	IloPulse			KreterSS17 [443], BajestaniB13 [52]
Constraints	MinWeightAllDiff	WangB20 [755]		WangB23 [756]
Constraints	MultiAtMostSeqCard	Siala15a [673], Siala15 [672]		
Constraints	PreemptiveNoOverlap	JuvinHHL23 [407]		
Constraints	Pulse constraint			PandeyS21a [592], GeibingerMM19 [292], ArbaouiY18 [29], KreterSS17 [443]
Constraints	Regular constraint	MusliuSS18 [551], Siala15a [673], Siala15 [672], PesantRR15 [603]	HookerH17 [391], Dejemeppe16 [213]	FrimodigS19 [275], PraletLJ15 [615], Menana11 [524], KovacsB11 [436], KovacsB08 [435]

Table 13: Works for Concepts of Type Constraints

Type	Keyword	High	Medium	Low
Constraints	Reified constraint	Schutt11 [655], MilanoW09 [536]	KovacsK11 [438], MilanoW06 [535]	Astrand21 [44], BadicaBI20 [49], CauwelaertLS18 [178], LaborieRSV18 [453], KreterSS17 [443], Dejemeppe16 [213], Siala15 [672], Siala15a [673], SchuttFSW13 [662], OhrimenkoSC09 [581], SchausD08 [650], SchildW00 [652]
Constraints	RelSoftCumulative	abs-0907-0939 [605]		
Constraints	RelSoftCumulativeSum			abs-0907-0939 [605]
Constraints	SoftCumulative	Clercq12 [210], ClercqPBJ11 [189], abs-0907-0939 [605]	OuelletQ22 [586]	
Constraints	SoftCumulativeSum	Clercq12 [210], abs-0907-0939 [605]		ClercqPBJ11 [189]
Constraints	TaskIntersection constraint	Madi-WambaB16 [506]		
Constraints	UTVPI constraint	Schutt11 [655]		
Constraints	WeightAllDiff	WangB20 [755]		WangB23 [756]
Constraints	WeightedSum	Wolf09 [769]		
Constraints	WeightedTaskSum	Wolf09 [769]		
Constraints	alldifferent	JuvinHHL23 [407], Lemos21 [463], KoehlerBFFHPSSS21 [428], Godet21a [303], HoundjiSW19 [393], CauwelaertLS18 [178], Dejemeppe16 [213], Siala15 [672], Derrien15 [219], Siala15a [673], Clercq12 [210], Menana11 [524], Malapert11 [509], MilanoW09 [536], OhrimenkoSC09 [581], Simonis07 [680], MilanoW06 [535], KanetAG04 [419]	GodetLHS20 [304], HookerH17 [391], Fahimi16 [253], BessiereHMqw14 [115], KelarevaTK13 [420], TerekhovDOB12 [705], Schutt11 [655]	WangB23 [756], GokPTGO23 [307], ColT22 [199], FarsiTM22 [259], BourreauGGLT22 [146], Astrand21 [44], AntuoriHHEN20 [25], AstrandJZ20 [47], WangB20 [755], Lunardi20 [501], MokhtarzadehTNF20 [539], Caballero19 [158], FahimiOQ18 [254], Nattaf16 [559], MelgarejoLS15 [14], AlesioNBG14 [222], ChuGNSW13 [184], Letort13 [464], HachemiGR11 [334], ClercqPBJ11 [189], HermenierDL11 [370], TrojetHL11 [727], LopesCSM10 [493], Malik08 [513], Thorsteinsson01 [712], BeldiceanuC01 [96], Simonis99 [679], BeldiceanuC94 [100]
Constraints	alternative constraint	LaborieRSV18 [453]	abs-2305-19888 [365], MurinR19 [548], GokgurHO18 [308], LaborieR14 [454]	LacknerMMWW23 [456], ZhuSZW23 [799], MarliereSPR23 [517], NaderiRR23 [558], SvancaraB22 [692], WinterMMW22 [763], ZhangJZL22 [790], HeinzNVH22 [364], VlKHT21 [750], HillTV21 [373], ArmstrongGOS21 [32], HubnerGSV21 [395], PandeyS21a [592], MengZRZL20 [529], Polo-MejiaALB20 [610], SacramentoSP20 [645], YounespourAKE19 [774], GeibingerMM19 [292], NishikawaSTT19 [570], GalleguillosKSB19 [279], MalapertN19 [512], EscobetPQPRA19 [247], NattafDYW19 [563], abs-1911-04766 [291], NishikawaSTT18a [569], NishikawaSTT18 [568], ArbaouiY18 [29], Ham18a [335], Laborie18a [452]... (Total: 43)
Constraints	alwaysEqual constraint		LaborieRSV18 [453], GoelSHFS15 [305]	HamC16 [342]
Constraints	alwaysIn	PopovicCGNC22 [611], SerraNM12 [667]	LuZZYW24 [498], AalianPG23 [1], LuoB22 [503], TangB20 [698], Polo-MejiaALB20 [610], MalapertN19 [512], LaborieRSV18 [453], GoelSHFS15 [305]	CampeauG22 [162], KreterSS17 [443], BajestaniB13 [52]
Constraints	bin-packing	Godet21a [303], Zahout21 [781], TangB20 [698], CauwelaertLS18 [178], RoshanaeiLAU17 [640], CauwelaertLS15 [177], LetortCB15 [467], Letort13 [464], LetortCB13 [466], HeinzSSW12 [361], LetortBC12 [465], SchausHMCMD11 [651], Malapert11 [509], SchausD08 [650]	JuvinHL23a [410], LuoB22 [503], EmdeZD22 [243], BadicaBI20 [49], AntunesABD20 [24], FrimodigS19 [275], AntunesABD18 [23], BaptisteB18 [58], Beck10 [80], LiW08 [468], GarganiR07 [281], SchildW00 [652], SakkoutW00 [649]	abs-2402-00459 [567], Fatemi-AnarakiTFV23 [260], GuoZ23 [331], LacknerMMWW23 [456], AkramNHRSA23 [16], YunusogluY22 [777], abs-2211-14492 [689], ArmstrongGOS21 [32], GodetLHS20 [304], RoshanaeiBAUB20 [639], TranPZLDB18 [722], German18 [297], HookerH17 [391], Madi-WambaLOBM17 [507], DoulabiRP16 [233], DoulabiRP14 [232], KoschB14 [433], LimtanyakulS12 [475], EdisO11 [235], HermenierDL11 [370], Schutt11 [655], BeldiceanuCDP11 [98], Lombardi10 [482], LombardiMRB10 [492], KovacsB08 [435], HentenryckM08 [369], Simonis07 [680], DavenportKRSH07 [205], SimonisCK00 [681]... (Total: 31)

Table 13: Works for Concepts of Type Constraints

Type	Keyword	High	Medium	Low
Constraints	circuit	MontemanniD23a [542], KlankeBYE21 [426], Mercier-AubinGQ20 [532], MokhtarzadehTNF20 [539], Caballero19 [158], HookerH17 [391], Lombardi10 [482], RuggieroBBMA09 [644], RodriguezS09 [637], AchterbergBKW08 [6], Rodriguez07 [634], Rodriguez07b [635], BeniniBGM05 [107], RodriguezDG02 [636], GruianK98 [326], Wallace96 [752], BeldiceanuC94 [100]	Groleaz21 [322], AntuoriHHEN20 [25], WessenCS20 [761], Siala15 [672], Siala15a [673], LombardiMB13 [491], TranB12 [720], Malapert11 [509], KrogtLPHJ07 [735], KuchcinskiW03 [447], HookerO03 [390], Thorsteinsson01 [712], Simonis99 [679], Simonis95a [677], DincbasSH90 [226]	PrataAN23 [616], IsikYA23 [398], MontemanniD23 [543], MarliereSPR23 [517], Fatemi-AnarakiTFV23 [260], GokPTGO23 [307], JuvinHL23a [410], ColT22 [199], MullerMKP22 [547], JungblutK22 [405], FarsiTM22 [259], JuvinHL22 [408], Astrand21 [44], KoehlerBFFHPSSS21 [428], Zahout21 [781], ArmstrongGOS21 [32], GokGSTO20 [306], GroleazNS20 [324], WallaceY20 [754], HoundjiSW19 [393], EscobetPQPRA19 [247], Hooker19 [389], Ham18a [335], TangLWSK18 [699], CappartTSR18 [164], CauwelaertLS18 [178], Hooker17 [388], BridiBLMB16 [150], HechingH16 [357]... (Total: 77)
Constraints	cumulative	TardivoDFMP23 [700], NaderiRR23 [558], LacknerMMWW23 [456], PovedaAA23 [613], AalianPG23 [1], KameugneFND23 [415], IsikYA23 [398], FetgoD22 [262], PohlAK22 [609], OuelletQ22 [586], ZhangJZL22 [790], LuoB22 [503], BoudreaultSLQ22 [144], Lemos21 [463], LacknerMMWW21 [455], KovacsTKSG21 [441], Godet21a [303], Zahout21 [781], Groleaz21 [322], HanenKP21 [344], Polo-MejiaALB20 [610], Mercier-AubinGQ20 [532], WallaceY20 [754], GroleazNS20a [323], SacramentoSP20 [645], GodetLHS20 [304], ThomasKS20 [711], GroleazNS20 [324], YangSS19 [773]... (Total: 167)	ForbesHJST24 [267], BonninMNE24 [138], PrataAN23 [616], abs-2402-00459 [567], LuZZYW24 [498], EfthymiouY23 [238], abs-2312-13682 [600], GokPTGO23 [307], PerezGSL23 [599], ColT22 [199], ElciOH22 [239], YunusogluY22 [777], CampeauG22 [162], GeitzGSSW22 [294], AbreuN22 [208], HillTV21 [373], HubnerGSV21 [395], KlankeBYE21 [426], NattafM20 [565], NattafHKAL19 [564], GalleguillosKSB19 [279], NishikawaSTT19 [570], BorghesiBLMB18 [141], GedikKEK18 [288], TranVNB17a [725], HurleyOS16 [396], BoothNB16 [139], BonfiettiZLM16 [137], Bonfietti16 [130]... (Total: 60)	GurPAE23 [332], TasselGS23 [701], JuvinHL23a [410], abs-2306-05747 [702], AbreuPNF23 [3], abs-2305-19888 [365], Bit-Monnot23 [118], YuraszeckMCCR23 [780], JuvinHHL23 [407], MarliereSPR23 [517], HeinzNVH22 [364], PopovicCGNC22 [611], HebrardALLCMR22 [353], abs-2211-14492 [689], SubulanC22 [687], JuvinHL22 [408], ArmstrongGOS22 [33], Astrand21 [44], PandeyS21a [592], ArtiguesHQT21 [39], GeibingerMM21 [293], KoehlerBFFHPSSS21 [428], ArmstrongGOS21 [32], GokGSTO20 [306], ZouZ20 [802], HauderBRPA20 [351], CauwelaertDS20 [179], abs-1902-09244 [350], FrimodigS19 [275]... (Total: 124)
Constraints	cycle	AalianPG23 [1], Astrand0F21 [45], Astrand21 [44], AbohashimaEG21 [2], AntuoriHHEN21 [26], Groleaz21 [322], GroleazNS20a [323], AntuoriHHEN20 [25], WallaceY20 [754], AstrandJZ20 [47], Caballero19 [158], ParkUJR19 [596], BorghesiBLMB18 [141], AstrandJZ18 [46], GomesM17 [314], Dejemeppe16 [213], BridiBLMB16 [150], OzturkTHO15 [591], BessiereHMQW14 [115], BonfiettiLBM14 [133], BegB13 [93], MalapertCGJLR12 [510], MenciaSV12 [525], LozanoCDS12 [497], LombardiBMB11 [484], Malapert11 [509], Schutt11 [655], SunLYL10 [690], LombardiMRB10 [492]... (Total: 46)	EfthymiouY23 [238], CampeauG22 [162], Lemos21 [463], KoehlerBFFHPSSS21 [428], HillTV21 [373], HubnerGSV21 [395], Godet21a [303], CauwelaertDS20 [179], Lunardi20 [501], ZarandiASC20 [784], GroleazNS20 [324], ArkhipovBL19 [31], MossigeGSMC17 [544], TranAB16 [719], Froger16 [276], SimoninAHL15 [676], BurtLPS15 [156], PraletLJ15 [615], Siala15 [672], Siala15a [673], HarjunkoskiMBC14 [347], TranTDB13 [723], SchuttFSW13 [662], SimoninAHL12 [675], OzturkTHO12 [588], BonfiettiLBM12 [132], HachemiGR11 [334], KovacsB11 [436], BonfiettiLBM11 [131]... (Total: 46)	Bit-Monnot23 [118], AkramNHRSA23 [16], GokPTGO23 [307], Fatemi-AnarakiTFV23 [260], GuoZ23 [331], MarliereSPR23 [517], ZhangBB22 [791], BourreauGGLT22 [146], AbreuN22 [208], ArmstrongGOS21 [32], Zahout21 [781], FanXG21 [258], HamPK21 [340], AbreuAPNM21 [207], QinDCS20 [620], BadicaBI20 [49], MokhtarzadehTNF20 [539], HauderBRPA20 [351], TangB20 [698], FallahiAC20 [257], Mercier-AubinGQ20 [532], Novas19 [572], Hooker19 [389], BadicaBIL19 [50], abs-1902-09244 [350], EscobetPQPRA19 [247], KucukY19 [449], Ham18a [335], Ham18 [341]... (Total: 94)
Constraints	diffn	ArmstrongGOS21 [32], Simonis07 [680], SimonisCK00 [681], BeldiceanuC94 [100]	BeldiceanuCDP11 [98]	BourreauGGLT22 [146], LuoB22 [503], KreterSS17 [443], KreterSS15 [442], Malapert11 [509], TrojetHL11 [727], ChenGPH10 [183], Timpe02 [713], Simonis99 [679], GruianK98 [326], SimonisC95 [682], Simonis95a [677], Simonis95 [678]

Table 13: Works for Concepts of Type Constraints

Type	Keyword	High	Medium	Low
Constraints	disjunctive	BonninMNE24 [138], JuvinHHL23 [407], NaderiRR23 [558], AfsarVPG23 [10], Bit-Monnot23 [118], YuraszeckMPV22 [779], BourreauGGLT22 [146], ZhangBB22 [791], JuvinHL22 [408], Groleaz21 [322], Godet21a [303], KoehlerBFFHPSSS21 [428], Astrand21 [44], GodetLHS20 [304], FahimiOQ18 [254], GokgurHO18 [308], LaborieRSV18 [453], German18 [297], NattafAL17 [561], Pralet17 [614], HookerH17 [391], MossigeGSMC17 [544], FontaineMH16 [266], KuB16 [445], Fahimi16 [253], OrnekO16 [582], Siala15 [672], Siala15a [673], GrimesH15 [319]... (Total: 86)	MarliereSPR23 [517], Adelgren2023 [9], JuvinHL23a [410], BoudreaultSLQ22 [144], OrnekOS20 [583], Astrand0F21 [45], GeibingerMM21 [293], AstrandJZ20 [47], Polo-MejiaALB20 [610], SacramentoSP20 [645], RoshanaeiBAUB20 [639], MejiaY20 [523], YangSS19 [773], CauwelaertLS18 [178], DemirovicS18 [218], TanT18 [695], KameugneFGOQ18 [414], Dejemeppe16 [213], Nattaf16 [559], SimoninAHL15 [676], VilimLS15 [748], EvenSH15 [250], EvenSH15a [251], GayHS15 [285], LaborieR14 [454], LipovetzkyBPS14 [476], KameugneFSN14 [418], HarjunkoskiMBC14 [347], GaySS14 [287]... (Total: 51)	abs-2402-00459 [567], LuZZYW24 [498], LacknerMMWW23 [456], abs-2306-05747 [702], KameugneFND23 [415], EfthymiouY23 [238], TasselGS23 [701], Fatemi-AnarakiTFV23 [260], NaderiBZ23 [555], TardivoDFMP23 [700], ZhuSZW23 [799], PovedaAA23 [613], GokPTGO23 [307], AbreuPNF23 [3], MullerMKP22 [547], ElciOH22 [239], NaderiBZ22a [552], OujanaAYB22 [587], NaderiBZ22 [554], OuelletQ22 [586], ColT22 [199], abs-2211-14492 [689], ZhangYW21 [792], KlankeBYE21 [426], ZarandiASC20 [784], Mercier-AubinGQ20 [532], CauwelaertDS20 [179], WallaceY20 [754], GokGSTO20 [306]... (Total: 148)
Constraints	endBeforeStart	SubulanC22 [687], QinDCS20 [620]	ZhuSZW23 [799], IsikYA23 [398], NaderiRR23 [558], NaderiBZ22a [552], PandeyS21a [592], LunardiBLRV20 [500], Lunardi20 [501], MengZRZL20 [529], LaborieRSV18 [453], NovaraNH16 [571], Laborie09 [451]	JuvinHL23a [410], LacknerMMWW23 [456], AalianPG23 [1], JuvinHHL23 [407], YuraszeckMCCR23 [780], CzerniachowskaWZ23 [197], JuvinHL23 [409], CampeauG22 [162], ZhangJZL22 [790], Teppan22 [704], YunusogluY22 [777], JuvinHL22 [408], LacknerMMWW21 [455], HamPK21 [340], HubnerGSV21 [395], ZhangYW21 [792], Polo-MejiaALB20 [610], BenediktMH20 [105], TangB20 [698], ZouZ20 [802], SacramentoSP20 [645], GeibingerMM19 [292], Novas19 [572], MurinR19 [548], abs-1902-09244 [350], ParkUJR19 [596], abs-1911-04766 [291], NishikawaSTT18a [569], NishikawaSTT18 [568]... (Total: 33)
Constraints	geost	BeldiceanuCDP11 [98]	LetortBC12 [465], PembertonG98 [597]	FrankDT16 [271], Letort13 [464], Malapert11 [509], Schutt11 [655], BeldiceanuCP08 [99]
Constraints	noOverlap	abs-2305-19888 [365], IsikYA23 [398], JuvinHHL23 [407], NaderiRR23 [558], ZhuSZW23 [799], PopovicCGNC22 [611], HeinzNVH22 [364], ColT22 [199], Groleaz21 [322], VlkHT21 [750], Lunardi20 [501], LunardiBLRV20 [500], QinDCS20 [620], GedikKEK18 [288], MelgarejoLS15 [14]	abs-2306-05747 [702], KimCMLLP23 [425], LacknerMMWW23 [456], TasselGS23 [701], YuraszeckMPV22 [779], NaderiBZ22a [552], AbreuN22 [208], PohlAK22 [609], SvancaraB22 [692], KlankeBYE21 [426], Bedhief21 [92], BenderWS21 [103], ZouZ20 [802], RoshanaeiBAUB20 [639], BenediktMH20 [105], MengZRZL20 [529], SacramentoSP20 [645], MalapertN19 [512], abs-1911-04766 [291], YounespourAKE19 [774], MurinR19 [548], EscobetPQPRA19 [247], Novas19 [572], LaborieRSV18 [453], Ham18a [335], ZhangW18 [793], ArbaouiY18 [29], Ham18 [341], CohenHB17 [192]... (Total: 36)	BonninMNE24 [138], LuZZYW24 [498], JuvinHL23a [410], YuraszeckMC23 [778], AalianPG23 [1], AbreuPNF23 [3], AbreuNP23 [209], JuvinHL23 [409], CzerniachowskaWZ23 [197], Squillacipr23 [686], MarliereSPR23 [517], NaderiBZ23 [555], YunusogluY22 [777], WinterMMW22 [763], CampeauG22 [162], OujanaAYB22 [587], ArmstrongGOS22 [33], TouatBT22 [717], EmdeZD22 [243], ZhangJZL22 [790], Teppan22 [704], JuvinHL22 [408], OrnekOS20 [583], NaderiBZ22 [554], HamPK21 [340], AbreuAPNM21 [207], LacknerMMWW21 [455], GroleazNS20a [323], Polo-MejiaALB20 [610]... (Total: 47)
Constraints	regular expression		FrimodigS19 [275]	HookerH17 [391]
Constraints	span constraint		Groleaz21 [322], CappartS17 [163], LaborieR14 [454], SchuttFS13 [658], LombardiM10a [486], Lombardi10 [482], Darby-DowmanLMZ97 [203]	OujanaAYB22 [587], ZhangBB22 [791], TangB20 [698], ZouZ20 [802], YounespourAKE19 [774], LaborieRSV18 [453], SimoninAHL15 [676], SimoninAHL12 [675], SchuttFSW11 [661]
Constraints	table constraint	Lombardi10 [482], LombardiM10a [486], Baptiste02 [56], PapaB98 [595]	MarliereSPR23 [517], JelinekB16 [403], LombardiMRB10 [492]	PerezGSL23 [599], abs-2312-13682 [600], ArmstrongGOS21 [32], CauwelaertLS18 [178], Siala15a [673], Siala15 [672], CauwelaertLS15 [177], GayHS15 [285], PesantRR15 [603], MelgarejoLS15 [14], LimtanyakulS12 [475], BeniniLMR11 [111], BeckFW11 [83], HermenierDL11 [370], LopesCSM10 [493], MouraSCL08 [546], GodardLN05 [302], Laborie03 [450], ElkhyariGJ02 [241]

7.4 Concept Type ProgLanguages

Table 14: Works for Concepts of Type ProgLanguages

Type	Keyword	High	Medium	Low
ProgLanguages	C	KoehlerBFFHPSSS21 [428]		EmdeZD22 [243], HubnerGSV21 [395], ThomasKS20 [711], BogaerdtW19 [734], HoYCLLC18 [375], TangLWSK18 [699], LaborieRSV18 [453], LombardiMRB10 [492], Lombardi10 [482], LombardiM10a [486], Laborie09 [451], GarridoOS08 [283], Layfield02 [462]
ProgLanguages	C++	Pape94 [593]	BourreauGGLT22 [146], Demassey03 [216]	BonninMNE24 [138], TardivoDFMP23 [700], JuvinHHL23 [407], ColT22 [199], NaderiBZ22a [552], PopovicCGNC22 [611], QinWSLS21 [619], AbreuAPNM21 [207], Lemos21 [463], Astrand21 [44], AntuoriHHEN21 [26], Mercier-AubinGQ20 [532], Polo-MejiaALB20 [610], AstrandJZ20 [47], RoshanaeiBAUB20 [639], Caballero19 [158], abs-1902-01193 [17], LaborieRSV18 [453], TranPZLDB18 [722], ArbaouiY18 [29], NattafAL17 [561], GomesM17 [314], Nattaf16 [559], Tesch16 [707], BoothNB16 [139], Bonfietti16 [130], NattafALR16 [562], Fahimi16 [253], NattafAL15 [560]... (Total: 76)
ProgLanguages	Java	abs-2102-08778 [193], Malapert11 [509], WolfS05a [767]	Froger16 [276], Wolf11 [766], KuchcinskiW03 [447]	LuZZYW24 [498], AlfieriGPS23 [19], KameugneFND23 [415], abs-2306-05747 [702], TasselGS23 [701], MullerMKP22 [547], FetgoD22 [262], ColT22 [199], Teppan22 [704], YuraszcekMPV22 [779], OuelletQ22 [586], Lemos21 [463], Groleaz21 [322], FanXG21 [258], AntuoriHHEN21 [26], ArmstrongGOS21 [32], CauwelaertDS20 [179], MejiaY20 [523], SacramentoSP20 [645], ThomasKS20 [711], TangB20 [698], BarzegaranZP20 [76], FrohnerTR19 [277], Tom19 [714], ColT19 [194], GeibingerMM19 [292], abs-1911-04766 [291], GombolayWS18 [312], KameugneFGOQ18 [414]... (Total: 61)
ProgLanguages	Julia			HebrardALLCMR22 [353], ElciOH22 [239], Groleaz21 [322], Astrand21 [44], CatusseCBL16 [175]
ProgLanguages	Lisp	Pape94 [593]		Wallace96 [752]
ProgLanguages	Prolog	ArmstrongGOS21 [32], WolfS05a [767], Simonis99 [679], LammaMM97 [459], FalaschiGMP97 [256], Zhou97 [796], Wallace96 [752], Touraivane95 [718], Simonis95a [677], Simonis95 [678], DincbasSH90 [226]	BadicaBI20 [49], MossigeGSMC17 [544], Madi-WambaLOBM17 [507], Malapert11 [509], MartinPY01 [519], SimonisCK00 [681], RodosekW98 [632], Zhou96 [795], SimonisC95 [682], BeldiceanuC94 [100], AggounB93 [11]	PopovicCGNC22 [611], ArmstrongGOS22 [33], ZarandiASC20 [784], YangSS19 [773], abs-1902-01193 [17], CauwelaertLS18 [178], German18 [297], JelinekB16 [403], LetortCB15 [467], Kameugne14 [412], LetortCB13 [466], Letort13 [464], Clercq12 [210], LetortBC12 [465], Schutt11 [655], TrojetHL11 [727], BeldiceanuCDP11 [98], Menana11 [524], BartakCS10 [69], AronssonBK09 [35], BeldiceanuCP08 [99], KrogtLPHJ07 [735], Simonis07 [680], QuSN06 [622], Geske05 [298], PoderBS04 [608], Baptiste02 [56], Bartak02 [67], BeldiceanuC02 [97]... (Total: 39)
ProgLanguages	Python	KoehlerBFFHPSSS21 [428]	ForbesHJST24 [267], Fatemi-AnarakiTFV23 [260], GuoZ23 [331], abs-2211-14492 [689], AbreuN22 [208], AbreuAPNM21 [207], LaborieRSV18 [453]	AbreuPNF23 [3], EfthymiouY23 [238], AbreuNP23 [209], KimCMLLP23 [425], NaderiRR23 [558], SquillaciPR23 [686], NaderiBZ23 [555], Mehdizadeh-Somarin23 [522], MontemanniD23 [543], PovedaAA23 [613], MontemanniD23a [542], AkramNHRSA23 [16], MullerMKP22 [547], ZhangBB22 [791], FetgoD22 [262], PohlAK22 [609], EtminaniefahaniGNMS22 [249], LuoB22 [503], CampeauG22 [162], FanXG21 [258], HanenKP21 [344], BenderWS21 [103], KlankeBYE21 [426], Lemos21 [463], AbohashimaEG21 [2], Lunardi20 [501], LunardiBLRV20 [500], GokGSTO20 [306], Mercier-AubinGQ20 [532]... (Total: 41)

7.5 Concept Type CPSystems

Table 15: Works for Concepts of Type CPSystems

Type	Keyword	High	Medium	Low
CPSystems	CHIP	TrojetHL11 [727], Simonis07 [680], SimonisCK00 [681], Simonis99 [679], GruianK98 [326], Wallace96 [752], Simonis95 [678], Goltz95 [311], SimonisC95 [682], Simonis95a [677], BeldiceanuC94 [100], AggounB93 [11], DincbasS91 [225], DincbasSH90 [226]	ArmstrongGOS21 [32], YangSS19 [773], LaborieRSV18 [453], HookerH17 [391], Geske05 [298], PoderBS04 [608], Timpe02 [713], BeldiceanuC01 [96], Beck99 [77], RodosekW98 [632], Zhou97 [796], LammaMM97 [459]	PrataAN23 [616], TardivoDFMP23 [700], KameugneFND23 [415], LuoB22 [503], FetgoD22 [262], BourreauGGLT22 [146], PopovicCGNC22 [611], KlankeBYE21 [426], Godet21a [303], GodetLHS20 [304], Caballero19 [158], abs-1902-01193 [17], GoldwaserS18 [310], BaptisteB18 [58], KameugneFGOQ18 [414], CauwelaertLS18 [178], GokgurHO18 [308], MossigeGSMC17 [544], Pralet17 [614], KreterSS17 [443], FontaineMH16 [266], Madi-WambaB16 [506], Dejemeppe16 [213], Fahimi16 [253], ZhouGL15 [797], LetortCB15 [467], Siala15a [673], SimoninAHL15 [676], Siala15 [672]... (Total: 87)
CPSystems	CPO	LacknerMMWW23 [456], JuvinHHL23 [407], Bit-Monnot23 [118], CzerniachowskaWZ23 [197], NaderiRR23 [558], NaderiBZ23 [555], JuvinHL23a [410], WinterMMW22 [763], ZhangBB22 [791], ColT22 [199], NaderiBZ22 [554], LacknerMMWW21 [455], Zahout21 [781], Groleaz21 [322], ArmstrongGOS21 [32], ThomasKS20 [711], Lunardi20 [501], NattafM20 [565], GroleazNS20 [324], Polo-MejiaALB20 [610], GroleazNS20a [323], SacramentoSP20 [645], GeibingerMM19 [292], ColT19 [194], MalapertN19 [512], CappartTSR18 [164], LaborieRSV18 [453], KreterSS17 [443], GoelSHFS15 [305]... (Total: 32)	AalianPG23 [1], JuvinHL22 [408], abs-1911-04766 [291], Dejemeppe16 [213], GrimesH15 [319], NuijtenA96 [577], NuijtenA94 [576]	JuvinHL23 [409], PovedaAA23 [613], NaderiBZ22a [552], OujanaAYB22 [587], GeibingerMM21 [293], abs-2102-08778 [193], TangB20 [698], Caballero19 [158], Ham18a [335], Laborie18a [452], Pralet17 [614], VilimLS15 [748], BartakSR10 [71], Vilim09 [743], GarridoAO09 [282], GarridoOS08 [283], BeldiceanuC94 [100]
CPSystems	Choco Solver	TasselGS23 [701], abs-2306-05747 [702], Godet21a [303], German18 [297], Fahimi16 [253], LetortCB15 [467], Derrien15 [219], LetortCB13 [466], Letort13 [464], OuelletQ13 [584], LetortBC12 [465], Malapert11 [509], Menana11 [524], abs-0907-0939 [605], GrimesHM09 [320], GarridoAO09 [282], GarridoOS08 [283], Elkhayari03 [240], BenoistGR02 [112]	KameugneFND23 [415], MullerMKP22 [547], FetgoD22 [262], AntuoriHHEN21 [26], AntuoriHHEN20 [25], LiuLH19 [477], FahimiOQ18 [254], KameugneFGOQ18 [414], LaborieRSV18 [453], Froger16 [276], GayHS15 [285], KoschB14 [433], Kameugne14 [412], DerrienP14 [220], DerrienPZ14 [221], MalapertCGJLR12 [510], Clercq12 [210], ClercqPBJ11 [189], HermenierDL11 [370]	BourreauGGLT22 [146], OuelletQ22 [586], Groleaz21 [322], GodetLHS20 [304], YangSS19 [773], OuelletQ18 [585], GingrasQ16 [301], AmadiniGM16 [21], Madi-WambaB16 [506], MurphyMB15 [549], EvenSH15 [250], GrimesH15 [319], EvenSH15a [251], BessiereHMQW14 [115], MalapertCGJLR13 [511], SimonisH11 [683], BartakSR10 [71], RossiTHP07 [643], CorrealR07 [196], CambazardJ05 [161], Baptiste02 [56]
CPSystems	Chuffed	LacknerMMWW23 [456], PovedaAA23 [613], BoudreaultSLQ22 [144], MullerMKP22 [547], LacknerMMWW21 [455], GeibingerMM21 [293], Godet21a [303], KoehlerBFFHPSSS21 [428], ArmstrongGOS21 [32], WallaceY20 [754], GodetLHS20 [304], abs-1911-04766 [291], KreterSSZ18 [444], YoungFS17 [775], KreterSS17 [443], SzerediS16 [693], KreterSS15 [442]	GoldwaserS18 [310]	Caballero19 [158], SchuttS16 [664]
CPSystems	Claire	Nattaf16 [559], Siala15a [673], Siala15 [672], Malapert11 [509], DemasseY03 [216], Elkhayari03 [240], BaptisteP00 [62]	Zahout21 [781], Menana11 [524], BaptisteP97 [61]	HebrardALLCMR22 [353], Godet21a [303], HanenKP21 [344], Derrien15 [219], Kameugne14 [412], Letort13 [464], Baptiste02 [56], BenoistGR02 [112], BaptistePN99 [60], PapaB98 [595]

Table 15: Works for Concepts of Type CPSystems

Type	Keyword	High	Medium	Low
CPSystems	Cplex	NaderiBZ23 [555], GuoZ23 [331], AfsarVPG23 [10], ZhuSZW23 [799], Adelgren2023 [9], CzerniachowskaWZ23 [197], NaderiRR23 [558], NaderiBZ22 [554], ElciOH22 [239], BourreauGGLT22 [146], OrnekOS20 [583], WinterMMW22 [763], SubulanC22 [687], EtminaniesfahaniGNMS22 [249], EmdeZD22 [243], MullerMKP22 [547], HamPK21 [340], HubnerGSV21 [395], GeibingerKKMMW21 [290], KoehlerBFFHPSSS21 [428], PandeyS21a [592], Bedhief21 [92], Lemos21 [463], Groleaz21 [322], SacramentoSP20 [645], MejiaY20 [523], LunardiBLRV20 [500], RoshanaeiBAUB20 [639], QinDCS20 [620]... (Total: 57)	BonninMNE24 [138], Fatemi-AnarakiTFV23 [260], LacknerMMWW23 [456], MehdiZadeh-Somarin23 [522], AbreuNP23 [209], MarliereSPR23 [517], IsikYA23 [398], CampeauG22 [162], LuoB22 [503], TouatBT22 [717], NaderiBZ22a [552], YunusogluY22 [777], ColT22 [199], LacknerMMWW21 [455], Zahout21 [781], KovacsTKSG21 [441], QinWLS21 [619], ArmstrongGOS21 [32], MokhtarzadehTNF20 [539], HauderBRPA20 [351], NattafM20 [565], WallaceY20 [754], MalapertN19 [512], NattafHKAL19 [564], abs-1902-09244 [350], Novas19 [572], Ham18a [335], German18 [297], GomesM17 [314]... (Total: 66)	LuZZYW24 [498], JuvinHL23a [410], AlfieriGPS23 [19], JuvinHL23 [409], AbreuPNF23 [3], PovedaAA23 [613], PenzDN23 [598], AalianPG23 [1], SquillaciPR23 [686], GurPAE23 [332], YuraszeckMCCR23 [780], JuvinHL22 [408], PohlAK22 [609], AbreuN22 [208], abs-2211-14492 [689], FarsiTM22 [259], YuraszeckMPV22 [779], PopovicCGNC22 [611], ZhangYW21 [792], abs-2102-08778 [193], GeibingerMM21 [293], FanXG21 [258], Astrand21 [44], VlkHT21 [750], ArtiguesHQT21 [39], KlankeBYE21 [426], AbreuAPNM21 [207], Polo-MejiaALB20 [610], TangB20 [698]... (Total: 121)
CPSystems	ECLiPSe	BadicaBI20 [49], BadicaBIL19 [50], EreminW01 [245], RodosekW98 [632]	Kameugne14 [412], SchuttFSW11 [661], Malapert11 [509], Schutt11 [655], MilanoW09 [536], LiW08 [468], MilanoW06 [535], Wallace06 [753], KanetAG04 [419], KamarainenS02 [411], Simonis99 [679], Darby-DowmanLMZ97 [203], Wallace96 [752]	FanXG21 [258], MejiaY20 [523], WikarekS19 [762], HookerH17 [391], HarjunkoskiMBC14 [347], Clercq12 [210], ZeballosQH10 [787], LombardiMRB10 [492], SchuttFSW09 [659], BeniniBGM06 [108], BeniniBGM05 [107], ChuX05 [185], QuirogaZH05 [623], HarjunkoskiG02 [345], Baptiste02 [56], MartinPY01 [519], JainG01 [401], LammaMM97 [459]
CPSystems	Gecode	TardivoDFMP23 [700], Astrand21 [44], GokGSTO20 [306], BadicaBI20 [49], AstrandJZ20 [47], BadicaBIL19 [50], Fahimi16 [253], SzerediS16 [693], ZhouGL15 [797], GayHS15 [285], Kameugne14 [412], KameugneFSN14 [418], OhrimenkoSC09 [581]	MullerMKP22 [547], AntuoriHHEN21 [26], Groleaz21 [322], GeibingerKKMMW21 [290], Astrand0F21 [45], GeibingerMM19 [292], FrohnerTR19 [277], abs-1911-04766 [291], LaborieRSV18 [453], BurtLPS15 [156], BofilIEGPSV14 [128], LozanoCDS12 [497], Malapert11 [509], KovacsK11 [438], KameugneFSN11 [417], ThiruvadyBME09 [709], ForbesHJST24 [267], GuoZ23 [331], Groleaz21 [322], VlkHT21 [750], GoldwaserS18 [310], GoldwaserS17 [309], FontaineMH16 [266], Froger16 [276]	ArmstrongGOS21 [32], WessenCS20 [761], WallaceY20 [754], MengZRZL20 [529], YangSS19 [773], FrimodigS19 [275], MusliuSS18 [551], GoldwaserS18 [310], CauwelaertLS18 [178], AstrandJZ18 [46], GoldwaserS17 [309], Dejemeppe16 [213], AmadiniGM16 [21], PesantRR15 [603], HarjunkoskiMBC14 [347], LombardiMB13 [491], Clercq12 [210], MonetteDD07 [540]
CPSystems	Gurobi	WangB23 [756], Adelgren2023 [9], LacknerMMWW23 [456], NaderiRR23 [558], WinterMMW22 [763], ZhangBB22 [791], LacknerMMWW21 [455], Lemos21 [463], KovacsTKSG21 [441], GeibingerKKMMW21 [290], KoehlerBFFHPSSS21 [428], WangB20 [755], GokGSTO20 [306], WallaceY20 [754], FrohnerTR19 [277], MusliuSS18 [551], GombolayWS18 [312], RoshanaeiLAU17 [640], KuB16 [445]	ForbesHJST24 [267], GuoZ23 [331], Groleaz21 [322], VlkHT21 [750], GoldwaserS18 [310], GoldwaserS17 [309], FontaineMH16 [266], Froger16 [276]	abs-2305-19888 [365], KimCMLLP23 [425], MontemanniD23 [543], HeinzNVH22 [364], PohlAK22 [609], AbohashimaEG21 [2], HubnerGSV21 [395], FanXG21 [258], KlankeBYE21 [426], BenediktMH20 [105], MengZRZL20 [529], He0GLW18 [352], DemirovicS18 [218], BenediktSMVH18 [106], TranAB16 [719], AmadiniGM16 [21], BurtLPS15 [156], PesantRR15 [603], HarjunkoskiMBC14 [347]
CPSystems	Ilog Scheduler	GrimesH11 [318], Malapert11 [509], ZeballosQH10 [787], Laborie03 [450]	LaborieRSV18 [453], LimtanyakulS12 [475], NovasH12 [574], HeinzB12 [359], HeckmanB11 [358], BeckFW11 [83], GrimesHM09 [320], RodriguezS09 [637], WatsonB08 [759], Rodriguez07b [635], ZeballosH05 [786], BeckR03 [88], JainG01 [401], Beck99 [77], NuijtenP98 [578]	Laborie18a [452], KuB16 [445], SchuttS16 [664], Fahimi16 [253], TranWDRFOVB16 [726], GrimesH15 [319], TerekhovTDB14 [706], NovasH14 [575], TerekhovDOB12 [705], Schutt11 [655], BeniniLMR11 [111], KovacsB11 [436], SchuttFSW11 [661], LahimerLH11 [457], HachemiGR11 [334], OzturkTHO10 [589], LopesCSM10 [493], abs-1009-0347 [660], ChenGPSH10 [183], NovasH10 [573], CarchraeB09 [165], RuggieroBBMA09 [644], BidotVLB09 [116], Vilim09a [744], BeniniLMMR08 [109], MouraSCL08a [545], MouraSCL08 [546], BeniniLMR08 [110], KovacsB08 [435]... (Total: 60)

Table 15: Works for Concepts of Type CPSystems

Type	Keyword	High	Medium	Low
CPSystems	Ilog Solver		GrimesH11 [318], ZeballosQH10 [787], LiW08 [468], SchausD08 [650], HarjunkoskiG02 [345], JainG01 [401], Refalo00 [627]	abs-1902-01193 [17], LaborieRSV18 [453], HookerH17 [391], Dejemeppe16 [213], ZarandiKS16 [783], PesantRR15 [603], Siala15 [672], Siala15a [673], BonfiettiLBM14 [133], NovasH14 [575], OzturkTHO13 [590], LombardiMB13 [491], HeinzB12 [359], BonfiettiLBM12 [132], NovasH12 [574], TerekhovDOB12 [705], LombardiM12a [488], BajestaniB11 [51], KovacsK11 [438], KovacsB11 [436], BandaSC11 [211], KelbelH11 [421], BonfiettiLBM11 [131], TopalogluO11 [715], Schutt11 [655], Beck10 [80], OzturkTHO10 [589], LombardiM10 [487], abs-1009-0347 [660]... (Total: 66)
CPSystems	MiniZinc	LacknerMMWW23 [456], TardivoDFMP23 [700], BoudreaultSLQ22 [144], MullerMKP22 [547], JungblutK22 [405], ColT22 [199], KoehlerBFFHPSSS21 [428], LacknerMMWW21 [455], ArmstrongGOS21 [32], Mercier-AubinGQ20 [532], WallaceY20 [754], abs-1911-04766 [291], FrohnerTR19 [277], GeibingerMM19 [292], ColT19 [194], HookerH17 [391], YoungFS17 [775], LiuCGM17 [480], AmadiniGM16 [21], SzerediS16 [693], BofilIEGPSV14 [128], KelarevaTK13 [420]	PovedaAA23 [613], Godet21a [303], GokGSTO20 [306], MusliuSS18 [551], KreterSS17 [443], KreterSS15 [442]	Bit-Monnot23 [118], OuelletQ22 [586], GeibingerKKMMW21 [290], abs-2102-08778 [193], FrimodigS19 [275], abs-1901-07914 [95], Hooker19 [389], Caballero19 [158], BehrensLM19 [94], KreterSSZ18 [444], DemirovicS18 [218], CappartTSR18 [164], TranVNB17 [724], FontaineMH16 [266], SchuttS16 [664], BurtLPS15 [156], HeinzSB13 [363], SchuttFS13 [658]
CPSystems	Mistral	JuvinHHL23 [407], Siala15 [672], Siala15a [673], Malapert11 [509], GrimesHM09 [320]	Bit-Monnot23 [118], Kameugne14 [412], BillautHL12 [117]	GrimesH15 [319], SialaAH15 [674]
CPSystems	OPL	LacknerMMWW23 [456], GuoZ23 [331], YunusogluY22 [777], MullerMKP22 [547], TouatBT22 [717], ColT22 [199], LacknerMMWW21 [455], PandeyS21a [592], KoehlerBFFHPSSS21 [428], QinDCS20 [620], Novas19 [572], EscobetPQPRA19 [247], LaborieRSV18 [453], TangLWSK18 [699], NovaraNH16 [571], Dejemeppe16 [213], AlesioNBG14 [222], LouieVNB14 [496], NovasH12 [574], HachemiGR11 [334], ZeballosQH10 [787], Laborie09 [451], LiW08 [468], KhayatLR06 [423], KanetAG04 [419], JainG01 [401], AggounB93 [11]	LuZZYW24 [498], SubulanC22 [687], Teppan22 [704], ZarandiASC20 [784], Mercier-AubinGQ20 [532], ZouZ20 [802], MurinR19 [548], Laborie18a [452], CappartTSR18 [164], HookerH17 [391], OrnekO16 [582], LimBTBB15 [473], WangMD15 [757], EvenSH15a [251], HarjunkoskiMBC14 [347], NovasH14 [575], OzturkTHO13 [590], SerraNM12 [667], HeinzB12 [359], EdisO11 [235], ZibranR11a [801], KelbelH11 [421], Menana11 [524], TopalogluO11 [715], OzturkTHO10 [589], NovasH10 [573], MilanoW09 [536], Wolf09 [769], AchterbergBKW08 [6]... (Total: 46)	abs-2402-00459 [567], ForbesHJST24 [267], EfthymiouY23 [238], YuraszeckMCCR23 [780], AbreuPNF23 [3], abs-2312-13682 [600], GurPAE23 [332], CzerniachowskaWZ23 [197], MontemanniD23 [543], IsikYA23 [398], Fatemi-AnarakiTFV23 [260], GokPTGO23 [307], PerezGSL23 [599], AbreuNP23 [209], ArmstrongGOS22 [33], ZhangBB22 [791], BoudreaultSLQ22 [144], GeitzGSSW22 [294], OujanaAYB22 [587], LiFJZLL22 [469], Lemos21 [463], VlKHT21 [750], Bedhief21 [92], HamPK21 [340], QinWSLS21 [619], Groleaz21 [322], Godet21a [303], Astrand21 [44], abs-2102-08778 [193]... (Total: 115)
CPSystems	OR-Tools	abs-2402-00459 [567], LacknerMMWW23 [456], ColT22 [199], MullerMKP22 [547], abs-2211-14492 [689], KoehlerBFFHPSSS21 [428], Groleaz21 [322], abs-2102-08778 [193], KovacsTKSG21 [441], LacknerMMWW21 [455], FallahiAC20 [257], ColT19 [194], GayHS15 [285]	EfthymiouY23 [238], BoudreaultSLQ22 [144], Godet21a [303], GeibingerKKMMW21 [290], BarzegaranZP20 [76], ThomasKS20 [711], LiuCGM17 [480], Dejemeppe16 [213]	Bit-Monnot23 [118], KimCMLLP23 [425], MontemanniD23 [543], AkramNHRSA23 [16], MontemanniD23a [542], EtminaniesfahaniGNMS22 [249], Teppan22 [704], KlankeBYE21 [426], MengZRZL20 [529], GroleazNS20 [324], GalleguillosKSB19 [279], BehrensLM19 [94], abs-1901-07914 [95], YangSS19 [773], PourDERB18 [612], BonfiettiZLM16 [137], AmadiniGM16 [21], ZhouGL15 [797], LombardiMB13 [491], LombardiM12 [489]
CPSystems	OZ	Layfield02 [462]	MaraveliasG04 [516], BeldiceanuC94 [100]	Froger16 [276], KorbayYG99 [431]
CPSystems	SCIP	Caballero19 [158], KuB16 [445], SchnellH15 [653], HeinzSB13 [363], HeinzB12 [359], MilanoW09 [536], AchterbergBKW08 [6]	HookerH17 [391], BofilICSV17 [127], TranAB16 [719], BofilIEGPSV14 [128], SchuttFS13a [657], HeinzKB13 [360], CireCH13 [186]	GuoZ23 [331], NaderiRR23 [558], Groleaz21 [322], WikarekS19 [762], SzerediS16 [693], HarjunkoskiMBC14 [347], KelarevaTK13 [420], ZampelliVSDR13 [782], HeinzS11 [362], Schutt11 [655], BertholdHLSM10 [114]

Table 15: Works for Concepts of Type CPSystems

Type	Keyword	High	Medium	Low
CPSystems	SICStus	ArmstrongGOS21 [32], LetortCB15 [467], Letort13 [464], LetortCB13 [466], LetortBC12 [465], WolfS05a [767]	MossigeGSMC17 [544], Kameugne14 [412], Schutt11 [655], Malapert11 [509], SchuttFSW11 [661], QuSN06 [622]	PopovicCGNC22 [611], ArmstrongGOS22 [33], YangSS19 [773], German18 [297], Madi-WambaLOBM17 [507], JelinekB16 [403], Clercq12 [210], BeldiceanuCDP11 [98], TrojetHL11 [727], BartakCS10 [69], Wolf09 [769], SchuttFSW09 [659], BeldiceanuCP08 [99], Geske05 [298], Bartak02 [67], BeldiceanuC02 [97], BeldiceanuC01 [96], Simonis99 [679]
CPSystems	Z3	KoehlerBFFHPSSS21 [428], GokGSTO20 [306], YounespourAKE19 [774], Menana11 [524], SureshMOK06 [691]	NaderiRR23 [558], VlKHT21 [750], ArkhipovBL19 [31], WikarekS19 [762], German18 [297], Baptiste02 [56], Zhou97 [796]	Groleaz21 [322], Caballero19 [158], ZhangW18 [793], BofillCSV17 [127], BertholdHLMS10 [114], Rodriguez07 [634], Rodriguez07b [635], Wallace06 [753], Layfield02 [462], Zhou96 [795]

7.6 Concept Type ApplicationAreas

Table 16: Works for Concepts of Type ApplicationAreas

Type	Keyword	High	Medium	Low
ApplicationAreas	COVID	GuoZ23 [331]	GeibingerKKMMW21 [290]	BonninMNE24 [138], Mehdizadeh-Somarin23 [522], JuvinHL23a [410], Fatemi-AnarakiTFV23 [260], GurPAE23 [332], OujanaAYB22 [587], Lemos21 [463]
ApplicationAreas	HVAC	LimHTB16 [472], LimBTBB15 [473], GrimesIOS14 [321]		
ApplicationAreas	agriculture			AkramNHRSA23 [16], BenderWS21 [103], Astrand0F21 [45], HamPK21 [340], Astrand21 [44], QinWSLS21 [619], MejiaY20 [523]
ApplicationAreas	aircraft	GokPTGO23 [307], PohlAK22 [609], OrnekOS20 [583], WangB20 [755], GokGSTO20 [306], TranDRFWOVB16 [721], Fahimi16 [253], BajestaniB13 [52], LombardiM12 [489], BajestaniB11 [51], ArtiouchineB05 [43], FrankK05 [273], FrankK03 [272], Simonis99 [679]	WangB23 [756], GombolayWS18 [312], Ham18 [341], Simonis07 [680], SakkoutW00 [649], Simonis95a [677]	PrataAN23 [616], PovedaAA23 [613], Adelgren2023 [9], ElciOH22 [239], EtminaniesfahaniGNMS22 [249], ZarandiASC20 [784], HauderBRPA20 [351], abs-1902-09244 [350], Hooker19 [389], LaborieRSV18 [453], HookerH17 [391], TranAB16 [719], LaborieR14 [454], Lombardi10 [482], Laborie09 [451], KovacsB08 [435], KroggLPHJ07 [735], CambazardHDJT04 [160], MartinPY01 [519], SimonisCK00 [681], GruianK98 [326], Darby-DowmanLMZ97 [203], Wallace96 [752], Simonis95 [678], SimonisC95 [682], DincbasS91 [225]
ApplicationAreas	astronomy		FrankK05 [273]	CatusseCBL16 [175], LiW08 [468], FrankK03 [272]
ApplicationAreas	automotive		GuoZ23 [331], NaderiBZ23 [555], YuraszcekMPV22 [779], EmdeZD22 [243], Groleaz21 [322], LintanyakulS12 [475], SunLYL10 [690], Lombardi10 [482], BarlattCG08 [65], SchildW00 [652]	LuZZYW24 [498], PovedaAA23 [613], CzerniachowskaWZ23 [197], NaderiRR23 [558], NaderiBZ22 [554], NaderiBZ22a [552], AntuoriHHEN21 [26], HubnerGSV21 [395], VlkHT21 [750], AbreuAPNM21 [207], KoehlerBFFHPSSS21 [428], BarzegaranZP20 [76], abs-1911-04766 [291], GeibingerMM19 [292], BonfiettiZLM16 [137], Siala15 [672], Siala15a [673], SchnellH15 [653], AlesioNBG14 [222], HarjunkoskiMBC14 [347], BeniniBGM06 [108], KovacsV06 [440], BeniniBGM05 [107], CambazardHDJT04 [160], Wallace96 [752]
ApplicationAreas	business process	BadicaBI20 [49], Lombardi10 [482], LombardiM10a [486]		SubulanC22 [687], Zahout21 [781], Groleaz21 [322], ZarandiASC20 [784], BadicaBIL19 [50], Jans09 [402], Simonis07 [680], SimonisCK00 [681], Simonis99 [679], BeckF98 [84], Simonis95a [677]
ApplicationAreas	cable tree	KoehlerBFFHPSSS21 [428]		BeldiceanuC94 [100]
ApplicationAreas	car manufacturing		AntuoriHHEN21 [26]	LuZZYW24 [498], abs-2312-13682 [600], PerezGSL23 [599], TouatBT22 [717], CauwelaertDS20 [179], WallaceY20 [754], ZarandiASC20 [784], FallahiAC20 [257], Hooker19 [389], CauwelaertDMS16 [176], Dejemeppe16 [213], DejemeppeCS15 [214], Novash12 [574], CorreaLR07 [196], LimRX04 [471]
ApplicationAreas	container terminal	QinDCS20 [620], SacramentoSP20 [645], ZampelliVSDDR13 [782]	LaborieRSV18 [453]	NaderiRR23 [558], WangB23 [756], NaderiBZ23 [555], Adelgren2023 [9], NaderiBZ22a [552], NaderiBZ22 [554], ElciOH22 [239], EtminaniesfahaniGNMS22 [249], HeinzNVH22 [364], Lemos21 [463], MokhtarzadehTNF20 [539], TangLWSK18 [699], HookerH17 [391], DoulabiRP16 [233], LipovetzkyBPS14 [476], HachemiGR11 [334], MilanoW09 [536], WuBB09 [772], MilanoW06 [535], BeldiceanuC02 [97], JainG01 [401], EreminW01 [245], SimonisCK00 [681]
ApplicationAreas	crew-scheduling	ZarandiASC20 [784], PourDERB18 [612]	BourreauGGLT22 [146], Zahout21 [781], GombolayWS18 [312], Mason01 [521], Touraivane95 [718]	Bartak02 [67], Bartak02a [66]
ApplicationAreas	dairies			Groleaz21 [322]
ApplicationAreas	dairy	EscobetPQPRA19 [247]	PrataAN23 [616], HarjunkoskiMBC14 [347]	

Table 16: Works for Concepts of Type ApplicationAreas

Type	Keyword	High	Medium	Low
ApplicationAreas	datacenter	HermenierDL11 [370]		Zahout21 [781], GalleguillosKSB19 [279], Madi-WambaLOBM17 [507], Letort13 [464], IfrimOS12 [397], LetortBC12 [465]
ApplicationAreas	datacentre		HurleyOS16 [396]	
ApplicationAreas	day-ahead market			HebrardALLCMR22 [353]
ApplicationAreas	deep space			Adelgren2023 [9], ShaikhK23 [668], GuoZ23 [331], JuviniHL23a [410], EmdeZD22 [243], Astrand21 [44], Astrand0F21 [45], AntuoriHHEN21 [26], ZarandiASC20 [784], Ham18a [335]
ApplicationAreas	drone	MontemanniD23a [542], MontemanniD23 [543], Ham18 [341]		
ApplicationAreas	earth observation	SquillaciPR23 [686], KucukY19 [449], VerfaillieL01 [738]	BensanaLV99 [113]	HebrardHJMPV16 [354], PraletLJ15 [615], SimoninAHL15 [676], KelarevaTK13 [420], OddiPCC03 [580]
ApplicationAreas	earth orbit			SquillaciPR23 [686]
ApplicationAreas	electroplating		RodosekW98 [632]	Fatemi-AnarakiTFV23 [260], EfthymiouY23 [238], WallaceY20 [754], NovasH12 [574]
ApplicationAreas	emergency service		EvenSH15a [251], TopalogluO11 [715]	ForbesHJST24 [267], EvenSH15 [250], SakkoutW00 [649]
ApplicationAreas	energy-price	GrimesIOS14 [321], IfrimOS12 [397]	HurleyOS16 [396], Froger16 [276]	PrataAN23 [616], LuZZYW24 [498], EscobetPQPRA19 [247], He0GLW18 [352], BenediktSMVH18 [106], LimHTB16 [472]
ApplicationAreas	evacuation	ArtiguesHQT21 [39], ZarandiASC20 [784], YangSS19 [773], EvenSH15 [250], EvenSH15a [251]		Beck99 [77]
ApplicationAreas	farming			WinterMMW22 [763], Astrand0F21 [45]
ApplicationAreas	forestry	HachemiGR11 [334]		Astrand0F21 [45]
ApplicationAreas	high performance computing	BorghesiBLMB18 [141]	GalleguillosKSB19 [279]	abs-2305-19888 [365], HeinzNVH22 [364], Zahout21 [781], LunardiBLRV20 [500], Lunardi20 [501], TranPZLDB18 [722], RiahiNS018 [630], HurleyOS16 [396], BartoliniBBLM14 [73]
ApplicationAreas	high school timetabling	DemirovicS18 [218]		Lemos21 [463], BofillGSV15 [129], KanetAG04 [419], ElkhyariGJ02a [242]
ApplicationAreas	hoist	EfthymiouY23 [238], WallaceY20 [754], RodosekW98 [632]	Fatemi-AnarakiTFV23 [260], NovasH12 [574], BonfiettiLBM11 [131]	AstrandJZ18 [46], BonfiettiLBM14 [133], BonfiettiM12 [136], BonfiettiLBM12 [132], LombardiBMB11 [484], Wallace06 [753], BeckR03 [88], Baptiste02 [56], Refalo00 [627], KorbaaYG99 [431], PapaB98 [595]
ApplicationAreas	maintenance scheduling	PopovicCGNC22 [611], Froger16 [276], BajestaniB13 [52], Malapert11 [509]	LuZZYW24 [498], PenzDN23 [598], AntunesABD20 [24], BajestaniB11 [51], Davenport10 [204], FrostD98 [278]	BourreauGGLT22 [146], Godet21a [303], ZarandiASC20 [784], Hooker19 [389], PourDERB18 [612], AntunesABD18 [23], Nattaf16 [559], BajestaniB15 [53], Simonis99 [679], Puget95 [618], SimonisC95 [682]
ApplicationAreas	medical	ShinBBHO18 [671], Dejemeppe16 [213], WangMD15 [757], Wolf11 [766], TopalogluO11 [715]	GuoZ23 [331], ZarandiASC20 [784], HechingH16 [357], DejemeppeD14 [215], RendIPHR12 [629]	ShaikhK23 [668], AbreuPNF23 [3], IsikYA23 [398], AbreuNP23 [209], AkramNHRSA23 [16], YunusogluY22 [777], FarsiTM22 [259], AbreuN22 [208], GeibingerKKMMW21 [290], Bedhief21 [92], Lemos21 [463], AbreuAPNM21 [207], ThomasKS20 [711], FallahiAC20 [257], FrimodigS19 [275], abs-1902-01193 [17], Novas19 [572], GurEA19 [803], YounespourAKE19 [774], CappartTSR18 [164], HoYCLLC18 [375], TanT18 [695], GedikKEK18 [288], TranVNB17a [725], RoshanaeiLAU17 [640], TranVNB17 [724], DoulabiRP16 [233], BridiBLMB16 [150], BoothNB16 [139]... (Total: 37)
ApplicationAreas	meeting scheduling	GelainPRVW17 [295], LimHTB16 [472], LimBTBB15 [473], PesantRR15 [603], ZhuS02 [798]	BofillEGPSV14 [128]	Lemos21 [463], BofillGSV15 [129], MurphyMB15 [549], BartakSR10 [71], MoffittPP05 [538]
ApplicationAreas	music festival	CohenHB17 [192]		

Table 16: Works for Concepts of Type ApplicationAreas

Type	Keyword	High	Medium	Low
ApplicationAreas	nurse	GurPAE23 [332], FarsiTM22 [259], ZarandiASC20 [784], abs-1902-01193 [17], ShinBBHO18 [671], HoYCLLC18 [375], LuoVLBM16 [502], WangMD15 [757], RendlPHPR12 [629], Menana11 [524], Wolf11 [766], Simonis07 [680], BourdaisGP03 [145], Mason01 [521]	OuelletQ22 [586], GeibingerKKMMW21 [290], GeibingerMM21 [293], YounespourAKE19 [774], FrohnerTR19 [277], RoshanaeiLAU17 [640]	abs-2312-13682 [600], PerezGSL23 [599], NaderiBZ23 [555], NaderiBZ22a [552], NaderiBZ22 [554], BourreauGGLT22 [146], FallahiAC20 [257], RoshanaeiBAUB20 [639], FrimodigS19 [275], German18 [297], GedikKEK18 [288], NishikawaSTT18a [569], MusliuSS18 [551], HookerH17 [391], Dejemeppe16 [213], DoulabiRP16 [233], DoulabiRP14 [232], TopalogluO11 [715], Simonis99 [679]
ApplicationAreas	offshore		SubulanC22 [687], Froger16 [276]	GokPTGO23 [307], BoudreaultSLQ22 [144], BlomPS16 [122], FrankDT16 [271], BlomBPS14 [121], Jans09 [402]
ApplicationAreas	operating room	NaderiRR23 [558], NaderiBZ23 [555], GurPAE23 [332], FarsiTM22 [259], NaderiBZ22 [554], RoshanaeiBAUB20 [639], YounespourAKE19 [774], GurEA19 [803], RoshanaeiLAU17 [640], DoulabiRP16 [233], WangMD15 [757], DoulabiRP14 [232], Wolf11 [766]	GuoZ23 [331], NaderiBZ22a [552], ElciOH22 [239], ZarandiASC20 [784], Hooker19 [389], HookerH17 [391]	ForbesHJST24 [267], WangB23 [756], PerezGSL23 [599], abs-2312-13682 [600], JuvinHL23a [410], Adelgren2023 [9], GeibingerMM21 [293], TanT18 [695], MusliuSS18 [551], Wolf09 [769]
ApplicationAreas	oven scheduling	LacknerMMWW23 [456], LacknerMMWW21 [455]		ColT22 [199]
ApplicationAreas	patient	GurPAE23 [332], FarsiTM22 [259], RoshanaeiBAUB20 [639], ThomasKS20 [711], FrimodigS19 [275], GurEA19 [803], YounespourAKE19 [774], ShinBBHO18 [671], CappartTSR18 [164], RoshanaeiLAU17 [640], HechingH16 [357], Dejemeppe16 [213], DoulabiRP16 [233], WangMD15 [757], DejemeppeD14 [215], RendlPHPR12 [629], Wolf11 [766], TopalogluO11 [715]	NaderiBZ23 [555], GeibingerKKMMW21 [290]	BonninMNE24 [138], ForbesHJST24 [267], GuoZ23 [331], AlferiGPS23 [19], NaderiBZ22 [554], ElciOH22 [239], AbreuAPNM21 [207], CauwelaertDS20 [179], MurinR19 [548], Hooker19 [389], HoYCLLC18 [375], TanT18 [695], GombolayWS18 [312], LouieVNB14 [496], DoulabiRP14 [232], Clercq12 [210], Malapert11 [509], Wolf09 [769], Simonis07 [680], KanetAG04 [419], BourdaisGP03 [145]
ApplicationAreas	perfect-square	BeldiceanuCDP11 [98], BeldiceanuCP08 [99], AggounB93 [11]		
ApplicationAreas	physician	GeibingerKKMMW21 [290], ShinBBHO18 [671]	Dejemeppe16 [213], BourdaisGP03 [145]	GurPAE23 [332], GuoZ23 [331], FarsiTM22 [259], FrimodigS19 [275], HookerH17 [391], WangMD15 [757], Wolf11 [766], TopalogluO11 [715]
ApplicationAreas	pipeline	HarjunkoskiMBC14 [347], BegB13 [93], LopesCSM10 [493], Lombardi10 [482], RuggieroBBMA09 [644], MouraSCL08a [545], Malik08 [513], MouraSCL08 [546], BeniniLMR08 [110], BeniniBGM05 [107], ErtlK91 [246]	ZouZ20 [802], TangLWSK18 [699], LombardiMRB10 [492], MalikMB08 [514], BeniniBGM06 [108], WolinskiKG04 [770], BeldiceanuC94 [100]	EfthymiouY23 [238], Adelgren2023 [9], PopovicCGNC22 [611], EmdeZD22 [243], HanenKP21 [344], NishikawaSTT19 [570], NishikawaSTT18a [569], LaborieRSV18 [453], NishikawaSTT18 [568], BlomPS16 [122], Bonfietti16 [130], GilesH16 [300], GoelSHFS15 [305], SimoninAHL15 [676], BonfiettiLBM14 [133], LombardiMB13 [491], LozanoCDS12 [497], BeniniLMR11 [111], NovasH10 [573], BarlattCG08 [65], KuchcinskiW03 [447], Wolf03 [764], Simonis99 [679], GruianK98 [326], Darby-DowmanLMZ97 [203], SimonisC95 [682], Simonis95a [677]
ApplicationAreas	radiation therapy	FrimodigS19 [275]		HookerH17 [391]
ApplicationAreas	railway	MarliereSPR23 [517], SvancaraB22 [692], Lemos21 [463], PourDERB18 [612], CappartS17 [163], Acuna-AgostMFG09 [7], AronssonBK09 [35], RodriguezS09 [637], Rodriguez07 [634], Rodriguez07b [635], Geske05 [298], RodriguezDG02 [636], MartinPY01 [519], LammaMM97 [459]	ZarandiASC20 [784], LaborieRSV18 [453], TangLWSK18 [699], Mason01 [521], BrusoniCLMMT96 [154]	LuZZYW24 [498], GuoZ23 [331], LuoB22 [503], Godet21a [303], BogaerdTW19 [734], Hooker19 [389], BajestaniB15 [53], ZhouGL15 [797], BajestaniB13 [52], BajestaniB11 [51], WuBB09 [772], AbrilSB05 [4], WolfS05a [767], Wallace96 [752]
ApplicationAreas	real-time pricing		He0GLW18 [352], GrimesIOS14 [321]	LimHTB16 [472]
ApplicationAreas	rectangle-packing	YangSS19 [773], AggounB93 [11]	LuoB22 [503], Malapert11 [509]	MossigeGSMC17 [544], DoulabiRP16 [233], Siala15 [672], VilimLS15 [748], Siala15a [673], LozanoCDS12 [497], BeldiceanuCDP11 [98], Schutt11 [655], SchuttW10 [665], BeldiceanuCP08 [99]

Table 16: Works for Concepts of Type ApplicationAreas

Type	Keyword	High	Medium	Low
ApplicationAreas	robot	Fatemi-AnarakiTFV23 [260], IsikYA23 [398], LiFJZLL22 [469], ArmstrongGOS21 [32], Astrand21 [44], KoehlerBFFHPSSS21 [428], ZarandiASC20 [784], MokhtarzadehTNF20 [539], Lunardi20 [501], WessenCS20 [761], MurinR19 [548], abs-1901-07914 [95], BehrensLM19 [94], GombolayWS18 [312], LaborieRSV18 [453], MossigeGSMC17 [544], TranVNB17 [724], TranVNB17a [725], BoothNB16 [139], LouieVNB14 [496], NovasH14 [575], NovasH12 [574], BartakSR10 [71], BidotVLB09 [116], ValleMGT03 [732], BeckF98 [84]	PrataAN23 [616], CzerniachowskaWZ23 [197], ZhuSZW23 [799], Mehdizadeh-Somarin23 [522], TouatBT22 [717], YunusogluY22 [777], NaderiBZ22a [552], OujanaAYB22 [587], Astrand0F21 [45], WallaceY20 [754], WikarekS19 [762], NishikawaSTT19 [570], NishikawaSTT18a [569], NishikawaSTT18 [568], Dejemeppe16 [213], VanczaM01 [737], BeckF00 [86], Beck99 [77], FoxS90 [270]	abs-2305-19888 [365], AbreuPNF23 [3], MontemanniD23 [543], MarliereSPR23 [517], HeinzNVH22 [364], GeitzGSSW22 [294], FarsiTM22 [259], MullerMKP22 [547], ColT22 [199], YuraszeckMPV22 [779], HamPK21 [340], ZhangYW21 [792], Godet21a [303], Bedhief21 [92], Groleaz21 [322], VlkHT21 [750], FallahiAC20 [257], MengZRZL20 [529], BenediktMH20 [105], MejiaY20 [523], AstrandJZ20 [47], BarzegaranZP20 [76], Novas19 [572], ZhangW18 [793], GokgurHO18 [308], Ham18a [335], Ham18 [341], TanT18 [695], AstrandJZ18 [46]... (Total: 66)
ApplicationAreas	satellite	SquillaciPR23 [686], Godet21a [303], GodetLHS20 [304], KucukY19 [449], LaborieRSV18 [453], HebrardHJMPV16 [354], FrankDT16 [271], PraletLJ15 [615], KelarevaTK13 [420], VerfailleL01 [738], BensanaLV99 [113], PembertonG98 [597]	Laborie09 [451], FrankK05 [273], JussienL02 [406]	EfthymiouY23 [238], TouatBT22 [717], Astrand21 [44], Astrand0F21 [45], Zahout21 [781], ZarandiASC20 [784], Hooker19 [389], TranVNB17 [724], Pralet17 [614], TranWDRFOVB16 [726], Froger16 [276], SimoninAHL15 [676], LaborieR14 [454], BessiereHMqw14 [115], HeinzSB13 [363], GuyonLPR12 [333], SimoninAHL12 [675], RuggieroBBMA09 [644], Rodriguez07 [634], OddiPCC03 [580], NuijtenP98 [578]
ApplicationAreas	semiconductor	ZarandiASC20 [784], MalapertN19 [512], NattaDYW19 [563], Ham18a [335], BajestaniB15 [53], NovasH12 [574]	PenzDN23 [598], QinWSLS21 [619], GokgurHO18 [308], HamC16 [342], LombardiMRB10 [492], Davenport10 [204], KrogtLPHJ07 [735], JainM99 [400]	LacknerMMWW23 [456], Fatemi-AnarakiTFV23 [260], YuraszeckMPV22 [779], abs-2211-14492 [689], MullerMKP22 [547], ColT22 [199], EmdeZD22 [243], ZhangJZL22 [790], FanXG21 [258], LacknerMMWW21 [455], HamPK21 [340], PandeyS21a [592], Astrand21 [44], TangB20 [698], MengZRZL20 [529], NattaM20 [565], Novas19 [572], LaborieRSV18 [453], Ham18 [341], GrimesH15 [319], KoschB14 [433], HarjunkoskiMBC14 [347], TerekhovTDB14 [706], Malapert11 [509], Lombardi10 [482], AchterbergBKW08 [6], ArtiguesF07 [38]
ApplicationAreas	shipping line			QinDCS20 [620], LaborieRSV18 [453], KelarevaTK13 [420]
ApplicationAreas	steel cable			AalianPG23 [1]
ApplicationAreas	steel mill	GaySS14 [287], Letort13 [464], HeinzSSW12 [361], SchausHMCMD11 [651], HentenryckM08 [369], GarganiR07 [281]		abs-2312-13682 [600], PerezGSL23 [599], DoulabiRP16 [233], MenciaSV13 [526], MenciaSV12 [525]
ApplicationAreas	super-computer	BorghesiBLMB18 [141], BridiBLMB16 [150], BartoliniBBLM14 [73]		LuoB22 [503], GalleguillosKSB19 [279], Dejemeppe16 [213], HurleyOS16 [396]
ApplicationAreas	surgery	GurPAE23 [332], FarsiTM22 [259], RoshanaeiBAUB20 [639], GurEA19 [803], YounespourAKE19 [774], RoshanaeiLAU17 [640], DoulabiRP16 [233], WangMD15 [757], DoulabiRP14 [232], Wolf11 [766], Wolf09 [769]	ZarandiASC20 [784], TopalogluO11 [715]	ForbesHJST24 [267], NaderiBZ23 [555], AlfieriGPS23 [19], NaderiBZ22 [554], ElciOH22 [239], Lemos21 [463], FrimodigS19 [275]
ApplicationAreas	telescope	FrankK05 [273], FrankK03 [272]	CatusseCBL16 [175], FoxS90 [270]	BidotVLB09 [116], BeckW07 [91], Beck99 [77], PembertonG98 [597], Wallace96 [752]
ApplicationAreas	torpedo	GoldwaserS18 [310], GoldwaserS17 [309], KletzanderM17 [427]	AntuoriHHEN20 [25]	Hooker19 [389]
ApplicationAreas	train schedule	LuZZYW24 [498], MarliereSPR23 [517], Lemos21 [463], CappartS17 [163], RodriguezS09 [637], Rodriguez07b [635], Geske05 [298]	ZarandiASC20 [784], LammaMM97 [459], BrusoniCLMMT96 [154]	abs-2312-13682 [600], SvancaraB22 [692], GeibingerMM21 [293], Novas19 [572], Froger16 [276], Rodriguez07 [634], RodriguezDG02 [636], MartinPY01 [519], Wallace96 [752]
ApplicationAreas	vaccine		GuoZ23 [331]	BonninMNE24 [138], JuvinHL23a [410]
ApplicationAreas	wildfire		ArtiguesHQT21 [39]	
ApplicationAreas	workforce scheduling	BourreauGGLT22 [146], MusliuSS18 [551], Wallace06 [753]	AntunesABD20 [24], AntunesABD18 [23]	GokPTGO23 [307], FallahiAC20 [257], CorreaLR07 [196], BenoistGR02 [112], Mason01 [521], Darby-DowmanLMZ97 [203]

Table 16: Works for Concepts of Type ApplicationAreas

Type	Keyword	High	Medium	Low
ApplicationAreas	yard crane		QinDCS20 [620], Hooker19 [389]	EmdeZD22 [243], WallaceY20 [754]

7.7 Concept Type Industries

Table 17: Works for Concepts of Type Industries

Type	Keyword	High	Medium	Low
Industries	IT industry			SchnellH15 [653]
Industries	aerospace industry	WinterMMW22 [763]		SchildW00 [652]
Industries	agricultural industry			
Industries	agrifood industry			Groleaz21 [322]
Industries	airline industry			GokPTGO23 [307], HachemiGR11 [334], Mason01 [521]
Industries	automobile industry			HauderBRPA20 [351], abs-1902-09244 [350], Limtanyakul07 [474]
Industries	automotive industry		GuoZ23 [331], LimtanyakulS12 [475]	CzerniachowskaWZ23 [197], EmdeZD22 [243], AntuoriHHEN21 [26], BonfiettiZLM16 [137], SchildW00 [652], Wallace96 [752]
Industries	aviation industry			
Industries	cable industry			ZhuSZW23 [799]
Industries	carpet industry			Schutt11 [655]
Industries	chemical industry		Timpe02 [713]	LaborieRSV18 [453], GilesH16 [300], HarjunkoskiMBC14 [347], LombardiM12 [489], ChenGPSH10 [183], PoderBS04 [608], Simonis99 [679], Simonis95a [677]
Industries	chemical processing industry			GilesH16 [300]
Industries	chemistry industry			ChenGPSH10 [183]
Industries	chips industry			AbreuN22 [208]
Industries	circuit boards industry			MokhtarzadehTNF20 [539]
Industries	control system industry			BonfiettiZLM16 [137]
Industries	cutting industry			RiahiNS018 [630]
Industries	dairy industry		EscobetPQPRA19 [247], HarjunkoskiMBC14 [347]	Groleaz21 [322]
Industries	dismantling industry			HubnerGSV21 [395]
Industries	drawing industry			Simonis95a [677]
Industries	electricity industry	Froger16 [276]		PopovicCGNC22 [611], Godet21a [303], AntunesABD20 [24], AntunesABD18 [23]
Industries	electronics industry			LacknerMMWW23 [456], LacknerMMWW21 [455]
Industries	electroplating industry			NovasH12 [574]
Industries	energy industry		Froger16 [276]	KovacsV06 [440]
Industries	fashion industry			Jans09 [402]
Industries	food industry		Groleaz21 [322]	Fatemi-AnarakiTFV23 [260], OujanaAYB22 [587], GroleazNS20 [324], GroleazNS20a [323], EscobetPQPRA19 [247], HachemiGR11 [334], SimonisCK00 [681], Simonis99 [679], SimonisC95 [682], Simonis95 [678]
Industries	food-processing industry			KlankeBYE21 [426], HauderBRPA20 [351], abs-1902-09244 [350]
Industries	forest industry			HachemiGR11 [334]
Industries	forging industry			LuoB22 [503]
Industries	foundry industry			Jans09 [402]
Industries	garment industry			GuoZ23 [331]
Industries	gas industry			ZarandiASC20 [784], GoelSHFS15 [305]
Industries	glass industry			Lunardi20 [501], LunardiBLRV20 [500], abs-1902-09244 [350]
Industries	heavy industry			CorreaLR07 [196]
Industries	insulation industry			YunusogluY22 [777]
Industries	lumber industry			NattafDYW19 [563]
Industries	manufacturing industry			PrataAN23 [616], CzerniachowskaWZ23 [197], LacknerMMWW23 [456], WinterMMW22 [763], YuraszeckMPV22 [779], LacknerMMWW21 [455], FanXG21 [258], TangB20 [698], Mercier-AubinGQ20 [532], EscobetPQPRA19 [247], GedikKEK18 [288]

Table 17: Works for Concepts of Type Industries

Type	Keyword	High	Medium	Low
Industries	maritime industry			Astrand21 [44], QinDCS20 [620], SacramentoSP20 [645], ZampelliVSDR13 [782]
Industries	metal industry			LuoB22 [503]
Industries	mineral industry			Astrand21 [44], Astrand0F21 [45], AstrandJZ20 [47], BlomBPS14 [121]
Industries	mining industry		AalianPG23 [1]	abs-2402-00459 [567], CampeauG22 [162], Astrand21 [44], Astrand0F21 [45], AstrandJZ20 [47], ThiruvadyWGS14 [710]
Industries	oil industry			AbreuNP23 [209], AbreuAPNM21 [207], HarjunkskiMBC14 [347], LopesCSM10 [493]
Industries	packaging industry			ArmstrongGOS21 [32]
Industries	painting industry			RiahiNS018 [630]
Industries	paper industry			Dejemeppe16 [213], HarjunkskiMBC14 [347]
Industries	petro-chemical industry			LaborieRSV18 [453], GilesH16 [300], HarjunkskiMBC14 [347]
Industries	pharmaceutical industry			YuraszeckMCCR23 [780], CzerniachowskaWZ23 [197], GeibingerKKMMW21 [290], HamC16 [342], NovaraNH16 [571], HarjunkskiMBC14 [347]
Industries	potash industry			Astrand21 [44], Astrand0F21 [45], AstrandJZ20 [47], AstrandJZ18 [46]
Industries	power industry	Froger16 [276]		FrostD98 [278]
Industries	printing industry	Lunardi20 [501]	LunardiBLRV20 [500]	BourreauGGLT22 [146]
Industries	process industry		Timpe02 [713]	Nattaf16 [559], BlomPS16 [122], HarjunkskiMBC14 [347], HeinzSSW12 [361], ChenGPSH10 [183], Jans09 [402], Simonis99 [679], Wallace96 [752]
Industries	processing industry		HauderBRPA20 [351]	KlankeBYE21 [426], abs-1902-09244 [350], GilesH16 [300]
Industries	railway industry			Lemos21 [463], Rodriguez07b [635], Geske05 [298]
Industries	repair industry			BoudreaultSLQ22 [144]
Industries	retail industry			ChapadosJR11 [182]
Industries	semiconductor industry			PenzDN23 [598], QinWSLS21 [619], NattafDYW19 [563], BajestaniB15 [53], GrimesH15 [319], NovasH12 [574], Lombardi10 [482], LombardiMRB10 [492], KrogtLPHJ07 [735]
Industries	semiprocess industry			ChenGPSH10 [183]
Industries	service industry			GurEA19 [803], DoomsH08 [228]
Industries	ship repair industry			BoudreaultSLQ22 [144]
Industries	shipping industry			LuZZYW24 [498], Astrand21 [44], SacramentoSP20 [645], QinDCS20 [620]
Industries	software industry			BartakS11 [70]
Industries	solar cell industry			Novas19 [572]
Industries	steel industry		DavenportKRSH07 [205]	LacknerMMWW23 [456], KimCMLLP23 [425], IsikYA23 [398], OujanaAYB22 [587], LacknerMMWW21 [455], HauderBRPA20 [351], abs-1902-09244 [350], GoldwaserS18 [310], GoldwaserS17 [309], KletzanderM17 [427], HeinzSSW12 [361], SchausHMCMD11 [651], GrimesH10 [317], GarganiR07 [281]
Industries	sugar industry			MartinPY01 [519]
Industries	taxi industry			Ham18 [341]
Industries	telecommunication industry			
Industries	textile industry	Mercier-AubinGQ20 [532]		ZarandiASC20 [784], BessiereHMQW14 [115]
Industries	tire industry			Jans09 [402]
Industries	tourism industry			LiuCGM17 [480]
Industries	trade industry			ParkUJR19 [596]
Industries	transportation industry			GoelSHFS15 [305]
Industries	wind industry	Froger16 [276]		

7.8 Concept Type Benchmarks

Table 18: Works for Concepts of Type Benchmarks

Type	Keyword	High	Medium	Low
Benchmarks	CSPLib	Siala15a [673], Siala15 [672], SchausHMCMD11 [651], GarganiR07 [281]	LaborieRSV18 [453], German18 [297], CappartTSR18 [164], MossigeGSMC17 [544], NovaraNH16 [571], Letort13 [464], HeinzSSW12 [361], BandaSC11 [211]	ThomasKS20 [711], LiuLH19 [477], GelainPRVW17 [295], GaySS14 [287], RendlPHPR12 [629], HentenryckM08 [369]
Benchmarks	Roadef	Froger16 [276], Siala15 [672], Siala15a [673]	Nattaf16 [559], LetortCB15 [467], Kameugne14 [412], Letort13 [464], LetortCB13 [466], LetortBC12 [465]	CzerniachowskaWZ23 [197], HanenKP21 [344], Lemos21 [463], Polo-MejiaALB20 [610], GokGSTO20 [306], MalapertN19 [512], Tesch18 [708], OuelletQ18 [585], Tesch16 [707], Fahimi16 [253], Menana11 [524], Acuna-AgostMFG09 [7], Wallace06 [753], Elkhayari03 [240]
Benchmarks	benchmark	JuvinHL23a [410], AbreuPNF23 [3], IsikYA23 [398], TardivoDFMP23 [700], AlfieriGPS23 [19], JuvinHHL23 [407], LacknerMMWW23 [456], PovedaAA23 [613], Bit-Monnot23 [118], AfsarVPG23 [10], abs-2306-05747 [702], YuraszeckMCCR23 [780], ShaikhK23 [668], ZhuSZW23 [799], NaderiRR23 [558], TasselGS23 [701], AbreuNP23 [209], OuelletQ22 [586], ColT22 [199], MullerMKP22 [547], WinterMMW22 [763], NaderiBZ22a [552], JuvinHL22 [408], Teppan22 [704], BoudreaultSLQ22 [144], ZhangJZL22 [790], abs-2211-14492 [689], TouatBT22 [717], AbreuN22 [208]... (Total: 110)	ForbesHJST24 [267], abs-2402-00459 [567], NaderiBZ23 [555], AkramNHRSA23 [16], YuraszeckMC23 [778], MontemanniD23a [542], KameugneFND23 [415], abs-2305-19888 [365], MarliereSPR23 [517], NaderiBZ22 [554], ZhangBB22 [791], FetgoD22 [262], OujanaAYB22 [587], BourreauGGLT22 [146], HeinzNVH22 [364], AbreuAPNM21 [207], Astrand21 [44], KovacsTKSG21 [441], MengZRZL20 [529], Lunardi20 [501], MejiaY20 [523], SacramentoSP20 [645], BenediktMH20 [105], BadicaBI20 [49], AntuoriHHEN20 [25], GroleazNS20 [324], ArkhipovBL19 [31], GeibingerMM19 [292], Novas19 [572]... (Total: 91)	PrataAN23 [616], BonninMNE24 [138], CzerniachowskaWZ23 [197], MontemanniD23 [543], GuoZ23 [331], EfthymiouY23 [238], KimCMLLP23 [425], Adelgren2023 [9], SquillaciPR23 [686], SvancaraB22 [692], JungblutK22 [405], ElciOH22 [239], PohlAK22 [609], SubulanC22 [687], YuraszeckMPV22 [779], YunusogluY22 [777], ArmstrongGOS22 [33], Astrand0F21 [45], VlKHT21 [750], HubnerGSV21 [395], Zahout21 [781], KlankeBYE21 [426], ArmstrongGOS21 [32], CauwelaertDS20 [179], AstrandJZ20 [47], LunardiBLRV20 [500], NattafM20 [565], ThomasKS20 [711], ZarandiASC20 [784]... (Total: 149)
Benchmarks	bitbucket		TardivoDFMP23 [700], Dejemeppe16 [213]	CauwelaertDS20 [179], ThomasKS20 [711], HoundjiSW19 [393], CappartTSR18 [164], CauwelaertLS18 [178], HeOGLW18 [352], CappartS17 [163], CauwelaertDMS16 [176], GayHLS15 [284], DejemeppeCS15 [214], CauwelaertLS15 [177], GayHS15a [286], GayHS15 [285], HoundjiSWD14 [394], DejemeppeD14 [215]
Benchmarks	generated instance	IsikYA23 [398], LuoB22 [503], abs-1911-04766 [291]	abs-2312-13682 [600], PerezGSL23 [599], OrnekOS20 [583], Godet21a [303], GodetLHS20 [304], MejiaY20 [523], NattafALR16 [562], Dejemeppe16 [213], Madi-WambaB16 [506], KelbelH11 [421], SchausHMCMD11 [651]	abs-2402-00459 [567], abs-2305-19888 [365], EfthymiouY23 [238], Adelgren2023 [9], ColT22 [199], YunusogluY22 [777], TouatBT22 [717], BoudreaultSLQ22 [144], YuraszeckMPV22 [779], HeinzNVH22 [364], ZhangBB22 [791], abs-2211-14492 [689], HanenKP21 [344], Astrand21 [44], AbohashimaEG21 [2], abs-2102-08778 [193], AbreuAPNM21 [207], GeibingerMM21 [293], Astrand0F21 [45], MokhtarzadehTNF20 [539], AntuoriHHEN20 [25], RoshanaeiBAUB20 [639], CauwelaertDS20 [179], LunardiBLRV20 [500], BenediktMH20 [105], ThomasKS20 [711], Lunardi20 [501], YangSS19 [773], GeibingerMM19 [292]... (Total: 60)
Benchmarks	github	Lemos21 [463], Godet21a [303], KoehlerBFFHPSSS21 [428]	PovedaAA23 [613], TardivoDFMP23 [700], JungblutK22 [405], BoudreaultSLQ22 [144], HamPK21 [340], GodetLHS20 [304], BenediktMH20 [105], LunardiBLRV20 [500], Siala15a [673], Siala15 [672]	ForbesHJST24 [267], abs-2402-00459 [567], SquillaciPR23 [686], JuvinHHL23 [407], YuraszeckMCCR23 [780], Fatemi-AnarakiTFV23 [260], GuoZ23 [331], YuraszeckMC23 [778], GokPTGO23 [307], Bit-Monnot23 [118], abs-2306-05747 [702], Adelgren2023 [9], NaderiRR23 [558], TasselGS23 [701], OuelletQ22 [586], ColT22 [199], MullerMKP22 [547], LuoB22 [503], YuraszeckMPV22 [779], EmdeZD22 [243], GeitzGSSW22 [294], KovacsTKSG21 [441], GeibingerMM21 [293], VlKHT21 [750], AbohashimaEG21 [2], Polo-MejiaALB20 [610], FallahiAC20 [257], Lunardi20 [501], WangB20 [755]... (Total: 45)

Table 18: Works for Concepts of Type Benchmarks

Type	Keyword	High	Medium	Low
Benchmarks	gitlab		HeinzNVH22 [364]	abs-2305-19888 [365], BoudreaultSLQ22 [144], AntuoriHHEN21 [26], AntuoriHHEN20 [25]
Benchmarks	industrial instance	LuoB22 [503], AntuoriHHEN20 [25]	BonfiettiZLM16 [137], BonfiettiLBM14 [133], Schutt11 [655]	TasselGS23 [701], PovedaAA23 [613], EfthymiouY23 [238], abs-2306-05747 [702], OujanaAYB22 [587], GroleazNS20 [324], Mercier-AubinGQ20 [532], NattafM20 [565], Hooker19 [389], MalapertN19 [512], BofilIGSV15 [129], BofilEGPSV14 [128], ZampelliVSDR13 [782], BonfiettiM12 [136], LombardiBMB11 [484], BonfiettiLBM11 [131]
Benchmarks	industrial partner	BoudreaultSLQ22 [144], Lunardi20 [501], Dejemeppe16 [213]	LacknerMMWW23 [456], ArmstrongGOS21 [32], ZampelliVSDR13 [782]	WinterMMW22 [763], VlkHT21 [750], LacknerMMWW21 [455], GroleazNS20a [323], AntunesABD20 [24], Mercier-AubinGQ20 [532], abs-1911-04766 [291], GeibingerMM19 [292], AntunesABD18 [23], MossigeGSMC17 [544], HebrardHJMPV16 [354], Froger16 [276], LipovetzkyBPS14 [476], LimtanyakulS12 [475], Malapert11 [509], KovacsV06 [440], KovacsV04 [439], EreminW01 [245]
Benchmarks	industry partner	BurtLPS15 [156], LipovetzkyBPS14 [476]	BlomBPS14 [121]	LuoB22 [503], WinterMMW22 [763], ArmstrongGOS21 [32], HauderBRPA20 [351], abs-1902-09244 [350], AntunesABD18 [23], BlomPS16 [122]
Benchmarks	instance generator	LacknerMMWW23 [456], LacknerMMWW21 [455]	GoldwasserS18 [310], Froger16 [276]	abs-2402-00459 [567], ArmstrongGOS21 [32], Lunardi20 [501], abs-1911-04766 [291], Caballero19 [158], GombolayWS18 [312], YoungFS17 [775], GoldwasserS17 [309], Dejemeppe16 [213], GuyonLPR12 [333], Schutt11 [655], BeniniLMR11 [111], Lombardi10 [482], abs-1009-0347 [660], RuggieroBBMA09 [644], LombardiM09 [485], HeipckeCCS00 [366]
Benchmarks	random instance	LacknerMMWW21 [455], WallaceY20 [754], Dejemeppe16 [213]	WangB23 [756], LacknerMMWW23 [456], EfthymiouY23 [238], LetortCB15 [467], KelbelH11 [421]	Mehdizadeh-Somarin23 [522], Fatemi-AnarakiTFV23 [260], OuelletQ22 [586], EmdeZD22 [243], ElciOH22 [239], abs-2211-14492 [689], MullerMKP22 [547], KlankeBYE21 [426], VlkHT21 [750], Godet21a [303], HanenKP21 [344], AntuoriHHEN20 [25], BenediktMH20 [105], Lunardi20 [501], LunardiBLRV20 [500], HoundjiSW19 [393], BenediktSMVH18 [106], FahimiOQ18 [254], Hooker17 [388], MossigeGSMC17 [544], CappartS17 [163], Fahimi16 [253], Madi-WambaB16 [506], Siala15 [672], Siala15a [673], KameugneFSN14 [418], DerrienP14 [220], DerrienPZ14 [221], LetortCB13 [466]... (Total: 42)
Benchmarks	real-life	GurPAE23 [332], SubulanC22 [687], WinterMMW22 [763], Astrand21 [44], HubnerGSV21 [395], QinDCS20 [620], GurEA19 [803], WangMD15 [757], BartakSR10 [71], BartakCS10 [69], ChenGPSH10 [183], Baptiste02 [56], Bartak02a [66], MartinPY01 [519]	LuZZYW24 [498], AfsarVPG23 [10], LacknerMMWW23 [456], OujanaAYB22 [587], Lemos21 [463], Astrand0F21 [45], LacknerMMWW21 [455], KlankeBYE21 [426], Lunardi20 [501], FallahiAC20 [257], abs-1911-04766 [291], PourDERB18 [612], MusliuSS18 [551], AmadiniGM16 [21], Froger16 [276], BartakV15 [72], GaySS14 [287], LimtanyakulS12 [475], MenciaSV12 [525], LombardiMRB10 [492], RuggieroBBMA09 [644], Tsang03 [728], JainM99 [400], NuijtenP98 [578], SimonisC95 [682], DincbasSH90 [226]	BonninMNE24 [138], ForbesHJST24 [267], PrataAN23 [616], AbreuPNF23 [3], IsikYA23 [398], EfthymiouY23 [238], Adelgren2023 [9], PovedaAA23 [613], CampeauG22 [162], LuoB22 [503], YuraszeckMPV22 [779], GeitzGSSW22 [294], ColT22 [199], NaderiBZ22 [554], Teppan22 [704], BoudreaultSLQ22 [144], YunusogluY22 [777], ElciOH22 [239], Godet21a [303], Bedhief21 [92], abs-2102-08778 [193], GeibingerMM21 [293], Groleaz21 [322], CauwelaertDS20 [179], GodetLHS20 [304], SacramentoSP20 [645], AstrandJZ20 [47], WallaceY20 [754], ZarandiASC20 [784]... (Total: 100)

Table 18: Works for Concepts of Type Benchmarks

Type	Keyword	High	Medium	Low
Benchmarks	real-world	LuZZYW24 [498], GokPTGO23 [307], abs-2305-19888 [365], HeinzNVH22 [364], YunusogluY22 [777], ColT22 [199], Lemos21 [463], Astrand21 [44], GeibingerMM21 [293], KoehlerBFFHPSSS21 [428], HauderBRPA20 [351], Lunardi20 [501], MokhtarzadehTNF20 [539], abs-1911-04766 [291], GeibingerMM19 [292], abs-1902-09244 [350], FrohnerTR19 [277], GombolayWS18 [312], Dejemeppe16 [213], MelgarejoLS15 [14], EvenSH15 [250], EvenSH15a [251], RendlPHPR12 [629], Lombardi10 [482], MouraSCL08a [545], Beck99 [77]	PrataAN23 [616], TasselGS23 [701], IsikYA23 [398], abs-2306-05747 [702], Fatemi-AnarakiTFV23 [260], AbreuNP23 [209], AalianPG23 [1], AbreuPNF23 [3], WangB23 [756], YuraszeckMCCR23 [780], OujanaAYB22 [587], LuoB22 [503], SvancaraB22 [692], MullerMKP22 [547], ArmstrongGOS21 [32], ZarandiASC20 [784], WallaceY20 [754], AntunesABD20 [24], RoshanaeiBAUB20 [639], WessenCS20 [761], TangB20 [698], AstrandJZ20 [47], ParkUJR19 [596], YounespourAKE19 [774], FrimodigS19 [275], LaborieRSV18 [453], PourDERB18 [612], ShinBBHO18 [671], RiahiNS018 [630]... (Total: 49)	abs-2402-00459 [567], abs-2312-13682 [600], KimCMLLP23 [425], JuvinHL23 [409], ZhuSZW23 [799], PerezGSL23 [599], GuoZ23 [331], NaderiBZ23 [555], ShaikhK23 [668], PovedaAA23 [613], AfsarVPG23 [10], Bit-Monnot23 [118], TardivoDFMP23 [700], MarliereSPR23 [517], CzerniachowskaWZ23 [197], GeitzGSSW22 [294], SubulanC22 [687], OrnekOS20 [583], BourreauGGLT22 [146], EtminaniesfahaniGNMS22 [249], CampeauG22 [162], JungblutK22 [405], AbreuN22 [208], ArmstrongGOS22 [33], FetgoD22 [262], PohlAK22 [609], BoudreaultSLQ22 [144], GeibingerKKMMW21 [290], AbohashimaEG21 [2]... (Total: 132)
Benchmarks	supplementary material	GuoZ23 [331], FarsiTM22 [259], MejiaY20 [523], Lunardi20 [501]	AfsarVPG23 [10], MontemanniD23 [543], SchuttFSW13 [662]	abs-2306-05747 [702], JuvinHHL23 [407], TasselGS23 [701], Adelgren2023 [9], WinterMMW22 [763], ColT22 [199], BoudreaultSLQ22 [144], YunusogluY22 [777], KovacsTKSG21 [441], AntuoriHHEN21 [26], ArmstrongGOS21 [32], LacknerMMWW21 [455], MengZRZL20 [529], HauderBRPA20 [351], SchnellH15 [653], MenciaSV13 [526]
Benchmarks	zenodo	LacknerMMWW23 [456], SacramentoSP20 [645]		KimCMLLP23 [425], WinterMMW22 [763], ArmstrongGOS21 [32]

7.9 Concept Type Algorithms

Table 19: Works for Concepts of Type Algorithms

Type	Keyword	High	Medium	Low
Algorithms	GRASP	Lemos21 [463], Hooker05b [383]	YuraszeckMCCR23 [780], PovedaAA23 [613], YunusogluY22 [777], RiahiNS018 [630]	LacknerMMWW23 [456], AkramNHSA23 [16], IsikYA23 [398], SquillaciPR23 [686], ArmstrongGOS22 [33], LacknerMMWW21 [455], Zahout21 [781], VlkHT21 [750], AntuoriHHEN21 [26], GokGSTO20 [306], QinDCS20 [620], MejiaY20 [523], GroleazNS20a [323], Caballero19 [158], KreterSSZ18 [444], ZhouGL15 [797], Siala15 [672], Siala15a [673], SchnellH15 [653], SerraNM12 [667], HeinzB12 [359], AchterbergBKW08 [6], Rodriguez07 [634], JainM99 [400]
Algorithms	IGT	ArmstrongGOS22 [33]		
Algorithms	Lagrangian relaxation	HookerH17 [391], ThiruvadyWGS14 [710], GuSS13 [327], GuSW12 [329], MilanoW09 [536], MilanoW06 [535], Mason01 [521]	IsikYA23 [398], AbreuN22 [208], ZarandiASC20 [784], Dejemeppe16 [213], BlomPS16 [122], Froger16 [276], EdisO11 [235], Wallace06 [753], BlazewiczDP96 [157]	abs-2402-00459 [567], abs-2305-19888 [365], KimCMLLP23 [425], MarliereSPR23 [517], YunusogluY22 [777], HeinzNVH22 [364], EtmianiesfahaniGNMS22 [249], HamPK21 [340], FallahiAC20 [257], CauwelaertDS20 [179], GurEA19 [803], KreterSSZ18 [444], BaptisteB18 [58], GomesM17 [314], YoungFS17 [775], DejemeppeCS15 [214], GaySS14 [287], ZampelliVSDR13 [782], GuyonLPR12 [333], Menana11 [524], Lombardi10 [482], LiW08 [468], LauLN08 [460], SadykovW06 [648], DemasseyAM05 [217], ArtiguesBF04 [36], Demassey03 [216], Baptiste02 [56], EreminW01 [245]... (Total: 31)
Algorithms	MINLP	BlomPS16 [122], BlomBPS14 [121], HarjunkoskiMBC14 [347]	Adelgren2023 [9], BurtLPS15 [156]	YounespourAKE19 [774], EscobetPQPRA19 [247], HookerH17 [391], LimBTBB15 [473], LopesCSM10 [493], MouraSCL08a [545], Hooker07 [386], Hooker06 [384], Hooker05a [382], Hooker05 [381], ChuX05 [185], Hooker04 [380], JainG01 [401]
Algorithms	MIQP	WinterMMW22 [763]		BurtLPS15 [156]
Algorithms	NEH	AlfieriGPS23 [19], ArmstrongGOS22 [33], Astrand21 [44], RiahiNS018 [630]		AbreuPNF23 [3], IsikYA23 [398], ZhouGL15 [797]
Algorithms	ant colony	abs-2402-00459 [567], Groleaz21 [322], ZarandiASC20 [784], GroleazNS20a [323], ThiruvadyWGS14 [710], ThiruvadyBME09 [709]	ZhuSZW23 [799], IsikYA23 [398], FarsiTM22 [259], NaderiBZ22a [552], YuraszeckMPV22 [779], KoehlerBFFHPSSS21 [428], ZhangYW21 [792], GroleazNS20 [324], Lunardi20 [501], MejiaY20 [523], FrohnerTR19 [277], GedikKEK18 [288], Froger16 [276], Dejemeppe16 [213], TranAB16 [719], DejemeppeCS15 [214], Siala15a [673], MalapertCGJLR12 [510], Malapert11 [509]	LuZZYW24 [498], Fatemi-AnarakiTFV23 [260], LacknerMMWW23 [456], AbreuPNF23 [3], PenzDN23 [598], MontemanniD23a [542], MontemanniD23 [543], YuraszeckMC23 [778], GuoZ23 [331], AkramNHSA23 [16], AlfieriGPS23 [19], AbreuN22 [208], YunusogluY22 [777], EtmianiesfahaniGNMS22 [249], SubulanC22 [687], abs-2211-14492 [689], FanXG21 [258], QinWSLS21 [619], LacknerMMWW21 [455], ArmstrongGOS21 [32], HamPK21 [340], AbohashimaEG21 [2], MengZRZL20 [529], KucukY19 [449], GurEA19 [803], YounespourAKE19 [774], ZhangW18 [793], PourDERB18 [612], RiahiNS018 [630]... (Total: 45)
Algorithms	bi-partite matching			Caballero19 [158], HookerH17 [391], Simonis07 [680], Kumar03 [448], Simonis99 [679]
Algorithms	column generation	BourreauGGLT22 [146], PohlAK22 [609], HookerH17 [391], CatusseCBL16 [175], Froger16 [276], DoulabiRP14 [232], TopalogluO11 [715], MilanoW09 [536], AkkerDH07 [733], MilanoW06 [535], Wallace06 [753], SadykovW06 [648], Mason01 [521], EreminW01 [245]	abs-2402-00459 [567], Adelgren2023 [9], abs-2211-14492 [689], Groleaz21 [322], FallahiAC20 [257], BenediktSMVH18 [106], RoshanaeiLAU17 [640], DoulabiRP16 [233], EvenSH15 [250], EvenSH15a [251], HeinzSSW12 [361], HachemiGR11 [334], CorreaLR07 [196], BeckR03 [88]	LuZZYW24 [498], ZhuSZW23 [799], GuoZ23 [331], SquillaciPR23 [686], CampeauG22 [162], PandeyS21a [592], Zahout21 [781], ZarandiASC20 [784], AntunesABD20 [24], RoshanaeiBAUB20 [639], HoundjiSW19 [393], KucukY19 [449], Hooker19 [389], GedikKEK18 [288], CappartTSR18 [164], AntunesABD18 [23], GoldwaserS18 [310], MusliuSS18 [551], DemirovicS18 [218], LiuCGM17 [480], YoungFS17 [775], GoldwaserS17 [309], Nattaf16 [559], FontaineMH16 [266], TranAB16 [719], WangMD15 [757], HarjunkoskiMBC14 [347], LaborieR14 [454], KoschB14 [433]... (Total: 54)

Table 19: Works for Concepts of Type Algorithms

Type	Keyword	High	Medium	Low
Algorithms	conflict-driven learning	clause	Siala15a [673]	Lemos21 [463], Caballero19 [158], SialaAH15 [674]
Algorithms	deep learning		MullerMKP22 [547]	AkramNHRSA23 [16], EfthymiouY23 [238], abs-2211-14492 [689], AntuoriHHEN21 [26], TranWDRFOVB16 [726], TranDRFWOV16 [721], BeckF98 [84]
Algorithms	edge-finder	KameugneFND23 [415], FetgoD22 [262], GingrasQ16 [301], KameugneFSN14 [418], Lombardi10 [482], MercierH08 [530], BaptisteP00 [62]	OuelletQ13 [584], KelbelH11 [421], PapaB98 [595]	BaptisteB18 [58], BonfiettiZLM16 [137], Kameugne14 [412], GuSS13 [327], Schutt11 [655], SchuttFSW11 [661], HeckmanB11 [358], BidotVLB09 [116], MilanoW09 [536], SchuttFSW09 [659], BeckW07 [91], MilanoW06 [535], BeckW05 [90], BeckR03 [88], ValleMGTO3 [732], SakkoutW00 [649], JainM99 [400], Zhou97 [796], BaptisteP97 [61]
Algorithms	edge-finding	KameugneFND23 [415], JuvinHHL23 [407], TardivoDFMP23 [700], OuelletQ22 [586], FetgoD22 [262], CauwelaertDS20 [179], YangSS19 [773], Caballero19 [158], GokgurHO18 [308], FahimiOQ18 [254], BaptisteB18 [58], KreterSS17 [443], HookerH17 [391], Fahimi16 [253], Nattaf16 [559], Dejemeppe16 [213], Derrien15 [219], GayHS15a [286], Kameugne15 [413], GrimesH15 [319], KameugneFSN14 [418], Kameugne14 [412], Letort13 [464], OuelletQ13 [584], SchuttFS13a [657], Clercq12 [210], Malapert11 [509], KameugneFSN11 [417], Vilim11 [745]... (Total: 50)	BoudreaultSLQ22 [144], LaborieRSV18 [453], Tesch18 [708], GingrasQ16 [301], CauwelaertDMS16 [176], LetortCB15 [467], DejemeppeCS15 [214], Siala15a [673], Siala15 [672], MenciaSV13 [526], LetortCB13 [466], LetortBC12 [465], LombardiM12 [489], Lombardi10 [482], BartakSR10 [71], LiessM08 [470], ArtiguesF07 [38], HoeveGSL07 [736], MonetteDD07 [540], Vilim04 [741], Bartak02 [67], SchildW00 [652], BaptistePN99 [60], Zhou97 [796]	BonninMNE24 [138], CampeauG22 [162], Groleaz21 [322], Astrand21 [44], Godet21a [303], WallaceY20 [754], OuelletQ18 [585], GombolayWS18 [312], CauwelaertLS18 [178], NattafAL17 [561], OrnekO16 [582], Tesch16 [707], SialaAH15 [674], GayHLS15 [284], DerrienP14 [220], GuSS13 [327], HeinzSB13 [363], OzturkTHO13 [590], ChuGNSW13 [184], MenciaSV12 [525], LimtanyakulS12 [475], MalapertCGJLR12 [510], OzturkTHO12 [588], HeckmanB11 [358], KovacsB11 [436], SimonisH11 [683], BeldiceanuCDP11 [98], KelbelH11 [421], GrimesH11 [318]... (Total: 62)
Algorithms	energetic reasoning	TardivoDFMP23 [700], OuelletQ22 [586], FetgoD22 [262], HanenKP21 [344], OuelletQ18 [585], Tesch18 [708], CauwelaertLS18 [178], NattafAL17 [561], NattafALR16 [562], Fahimi16 [253], Tesch16 [707], GayHS15a [286], NattafAL15 [560], CauwelaertLS15 [177], DerrienP14 [220], SchuttFS13a [657], LimtanyakulS12 [475], HeinzS11 [362], Vilim11 [745], Lombardi10 [482], Laborie03 [450], Baptiste02 [56]	KameugneFND23 [415], NattafHKAL19 [564], KameugneFGOQ18 [414], Nattaf16 [559], Kameugne14 [412], Letort13 [464], SchuttFS13 [658], Schutt11 [655]	IsikYA23 [398], BoudreaultSLQ22 [144], ArmstrongGOS21 [32], Caballero19 [158], YangSS19 [773], GokgurHO18 [308], Laborie18a [452], BofillCSV17 [127], HookerH17 [391], GingrasQ16 [301], LetortCB15 [467], Derrien15 [219], KameugneFSN14 [418], LetortCB13 [466], OuelletQ13 [584], MenciaSV13 [526], Clercq12 [210], LombardiM12 [489], MenciaSV12 [525], GuyonLPR12 [333], LahimerLH11 [457], Malapert11 [509], ClercqPB11 [189], BeldiceanuCDP11 [98], ChenGPSH10 [183], abs-0907-0939 [605], Vilim09 [743], Vilim09a [744], Limtanyakul07 [474]... (Total: 36)
Algorithms	evolutionary computing			LuZZYW24 [498], Groleaz21 [322], Lemos21 [463], Siala15a [673], PerronSF04 [601]
Algorithms	genetic algorithm	LuZZYW24 [498], ZhuSZW23 [799], IsikYA23 [398], AbreuNP23 [209], AbreuPNF23 [3], NaderiBZ22a [552], AbreuN22 [208], YunusogluY22 [777], BourreauGGLT22 [146], EtminaniesfahaniGNMS22 [249], HamPK21 [340], Groleaz21 [322], Zahout21 [781], ZhangYW21 [792], Astrand21 [44], AbreuAPNM21 [207], ZarandiASC20 [784], MengZRZL20 [529], MejiaY20 [523], Lunardi20 [501], RoshanaeiBAUB20 [639], TangLWSK18 [699], GombolayWS18 [312], Froger16 [276], ZarandiKS16 [783], LahimerLH11 [457], MakMS10 [508], SureshMOK06 [691], KamarainenS02 [411]... (Total: 34)	PrataAN23 [616], abs-2402-00459 [567], AfsarVPG23 [10], KimCMLLP23 [425], AkramNHRSA23 [16], ShaikhK23 [668], GokPTGO23 [307], JuvinHL23a [410], abs-2305-19888 [365], LacknerMMWW23 [456], ColT22 [199], HeinzNVH22 [364], SubulanC22 [687], FarsiTM22 [259], JuvinHL22 [408], Bedhief21 [92], Lemos21 [463], LacknerMMWW21 [455], ZouZ20 [802], ColT19 [194], Novas19 [572], RiahiNS018 [630], Pralet17 [614], GomesM17 [314], Nattaf16 [559], Dejemeppe16 [213], GrimesH15 [319], ZhouGL15 [797], NovasH14 [575]... (Total: 46)	ForbesHJST24 [267], NaderiRR23 [558], TasselGS23 [701], Bit-Monnot23 [118], Mehdizadeh-Somarin23 [522], abs-2306-05747 [702], WangB23 [756], PovedaAA23 [613], AalianPG23 [1], JuvinHHL23 [407], OrnekOS20 [583], WinterMMW22 [763], LiFJZLL22 [469], OujanaAYB22 [587], Teppan22 [704], abs-2211-14492 [689], YuraszcekMPV22 [779], ZhangJZL22 [790], MullerMKP22 [547], KoehlerBFFHPSSS21 [428], abs-2102-08778 [193], HubnerGSV21 [395], AbohashimaEG21 [2], HillTV21 [373], Astrand0F21 [45], QinWSLS21 [619], ArmstrongGOS21 [32], LunardiBLRV20 [500], Mercier-AubinGQ20 [532]... (Total: 108)

Table 19: Works for Concepts of Type Algorithms

Type	Keyword	High	Medium	Low
Algorithms	large search	neighborhood		
		SquillaciPR23 [686], PovedaAA23 [613], AbreuN22 [208], Astrand21 [44], AstrandOF21 [45], GeibingerMM21 [293], AstrandJZ20 [47], Mercier-AubinGQ20 [532], LaborieRSV18 [453], Froger16 [276], Dejemeppe16 [213], LimBTBB15 [473], GaySS14 [287], MonetteDH09 [541], CarchraeB09 [165], HentenryckM08 [369], PerronSF04 [601], DannaP03 [201]	LuZZYW24 [498], PerezGSL23 [599], AbreuNP23 [209], abs-2312-13682 [600], KimCMLLP23 [425], ZhangBB22 [791], ColT22 [199], Lemos21 [463], Groleaz21 [322], GokGSTO20 [306], ThomasKS20 [711], SacramentoSP20 [645], abs-1911-04766 [291], DemirovicS18 [218], CappartTSR18 [164], FontaineMH16 [266], VilimLS15 [748], GrimesH15 [319], HarjunkoskiMBC14 [347], LombardiM12 [489], Menana11 [524], KelbelH11 [421], SchausHMCMD11 [651], GrimesH11 [318], Lombardi10 [482], GodardLN05 [302]	PrataAN23 [616], abs-2306-05747 [702], Bit-Monnot23 [118], LacknerMMWW23 [456], GokPTGO23 [307], AalianPG23 [1], AbreuPNF23 [3], NaderiRR23 [558], TasselGS23 [701], BoudreaultSLQ22 [144], BourreauGGLT22 [146], EtminaniesfahaniGNMS22 [249], WinterMMW22 [763], PohlAK22 [609], OrnekOS20 [583], HubnerGSV21 [395], LacknerMMWW21 [455], AntuoriHHEN21 [26], AbreuAPNM21 [207], GroleazNS20 [324], GodetLHS20 [304], LunardiBLRV20 [500], FallahiAC20 [257], AntuoriHHEN20 [25], Hooker19 [389], NishikawaSTT19 [570], FrimodigS19 [275], MurinR19 [548], KucukY19 [449]... (Total: 70)
Algorithms	lazy clause generation			
		Caballero19 [158], KreterSSZ18 [444], KreterSS17 [443], Siala15a [673], KreterSS15 [442], SchuttFS13 [658], SchuttFSW13 [662], SchuttFS13a [657], KelarevaTK13 [420], Schutt11 [655], SchuttFSW11 [661], abs-1009-0347 [660], SchuttFSW09 [659], OhrimenkoSC09 [581]	PovedaAA23 [613], Bit-Monnot23 [118], BoudreaultSLQ22 [144], GeitzGSSW22 [294], OuelletQ22 [586], Godet21a [303], WallaceY20 [754], FahimiOQ18 [254], SchuttS16 [664], SzerediS16 [693], SchnellH15 [653], SialaAH15 [674], BofilEGPSV14 [128], GuSS13 [327], SchuttCSW12 [656]	AbreuPNF23 [3], TardivoDFMP23 [700], WangB23 [756], KameugneFND23 [415], FetgoD22 [262], EtminaniesfahaniGNMS22 [249], HillTV21 [373], GeibingerMM21 [293], GodetLHS20 [304], Mercier-AubinGQ20 [532], YangSS19 [773], BaptisteB18 [58], GoldwaserS18 [310], YoungFS17 [775], MossigeGSMC17 [544], BofilCSV17 [127], GoldwaserS17 [309], AmadiniGM16 [21], PesantRR15 [603], GuSW12 [329], LombardiM12 [489], GrimesH11 [318], Lombardi10 [482], SchuttW10 [665], MilanoW09 [536]
Algorithms	machine learning			
		abs-2402-00459 [567], EfthymiouY23 [238], abs-2211-14492 [689], MullerMKP22 [547], Groleaz21 [322], ZarandiASC20 [784], HurleyOS16 [396]	GokPTGO23 [307], Lemos21 [463], AntuoriHHEN21 [26], KovacsTKSG21 [441], GalleguillosKSB19 [279], BorghesiBLMB18 [141], CohenHB17 [192], GrimesIOS14 [321], IfrimOS12 [397], CarchraeB09 [165], BlazewiczDP96 [157]	PrataAN23 [616], abs-2306-05747 [702], MarliereSPR23 [517], Mehdiadeh-Somarin23 [522], MontemanniD23 [543], IsikYA23 [398], TasselGS23 [701], JuvinHL23a [410], GurPAE23 [332], AkramNHRSA23 [16], GuoZ23 [331], ShaikhK23 [668], LiFJZLL22 [469], GeitzGSSW22 [294], ZhangJZL22 [790], ColT22 [199], PopovicCGNC22 [611], HillTV21 [373], FanXG21 [258], GeibingerMM21 [293], AbohashimaEG21 [2], QinWSLS21 [619], AntuoriHHEN20 [25], Lunardi20 [501], GroleazNS20a [323], SacramentoSP20 [645], ColT19 [194], BenediktSMVH18 [106], TranPZLDB18 [722]... (Total: 47)
Algorithms	mat heuristic			
		abs-2402-00459 [567], AbreuPNF23 [3], MontemanniD23 [543], EtminaniesfahaniGNMS22 [249], SacramentoSP20 [645], ArbaouiY18 [29], Nattaf16 [559]	KimCMLLP23 [425], AlfieriGPS23 [19], YunusogluY22 [777], YuraszeckMPV22 [779], ArmstrongGOS22 [33], AbreuAPNM21 [207], DemirovicS18 [218], Froger16 [276]	PrataAN23 [616], MontemanniD23a [542], Fatemi-AnarakiTFV23 [260], IsikYA23 [398], PerezGSL23 [599], YuraszeckMCCR23 [780], abs-2312-13682 [600], AbreuNP23 [209], SubulanC22 [687], WinterMMW22 [763], AbreuN22 [208], Groleaz21 [322], PandeyS21a [592], HubnerGSV21 [395], Lunardi20 [501], Polo-MejiaALB20 [610], GroleazNS20 [324], GokGSTO20 [306], Hooker19 [389], GokgurHO18 [308], HechingH16 [357], CireCH16 [187], WangMD15 [757], EvenSH15 [250], EvenSH15a [251], Elkhyari03 [240]
Algorithms	max-flow			
			LopesCSM10 [493], MouraSCL08 [546], Muscettola02 [550]	FanXG21 [258], ZarandiASC20 [784], HoundjiSW19 [393], Fahimi16 [253], Froger16 [276], Kumar03 [448]
Algorithms	memetic algorithm			
		ZarandiASC20 [784]	AfsarVPG23 [10], ArmstrongGOS21 [32], LahimerLH11 [457]	PrataAN23 [616], LuZZYW24 [498], IsikYA23 [398], AlfieriGPS23 [19], PenzDN23 [598], NaderiBZ23 [555], EtminaniesfahaniGNMS22 [249], ZhangJZL22 [790], ColT22 [199], LiFJZLL22 [469], NaderiBZ22 [554], Groleaz21 [322], ZhangYW21 [792], QinWSLS21 [619], AbohashimaEG21 [2], Lunardi20 [501], FallahiAC20 [257], NattafDYW19 [563], RiahiNS018 [630], ZhangW18 [793], GrimesH15 [319], MenciaSV12 [525], RendlPHPR12 [629], GrimesH11 [318], JainM99 [400]

Table 19: Works for Concepts of Type Algorithms

Type	Keyword	High	Medium	Low
Algorithms	meta heuristic	PrataAN23 [616], abs-2402-00459 [567], LuZZYW24 [498], AbreuPNF23 [3], YuraszeckMCCR23 [780], AlfieriGPS23 [19], AfsarVPG23 [10], IsikYA23 [398], MontemanniD23a [542], YuraszeckMC23 [778], GokPTGO23 [307], NaderiRR23 [558], AbreuNP23 [209], YuraszeckMPV22 [779], AbreuN22 [208], ArmstrongGOS22 [33], WinterMMW22 [763], ZhangJZL22 [790], YunusogluY22 [777], FarsiTM22 [259], EtminaniesfahaniGNMS22 [249], Groleaz21 [322], Astrand21 [44], QinWSLS21 [619], HubnerGSV21 [395], AbreuAPNM21 [207], Lunardi20 [501], BarzegaranZP20 [76], SacramentoSP20 [645]... (Total: 47)	CzerniachowskaWZ23 [197], MontemanniD23 [543], Fatemi-AnarakiTFV23 [260], ZhangBB22 [791], BoudreaultSLQ22 [144], NaderiBZ22a [552], OujanaAYB22 [587], SubulanC22 [687], OrnekOS20 [583], TouatBT22 [717], MullerMKP22 [547], abs-2211-14492 [689], Bedhief21 [92], Zahout21 [781], ArmstrongGOS21 [32], HamPK21 [340], AbohashimaEG21 [2], MokhtarzadehTNF20 [539], RoshanaeiBAUB20 [639], HauderBRPA20 [351], GroleazNS20a [323], GroleazNS20 [324], WallaceY20 [754], NattafDYW19 [563], Hooker19 [389], abs-1902-09244 [350], GedikKEK18 [288], GombolayWS18 [312], Dejemeppe16 [213]... (Total: 42)	JuvinHL23a [410], PenzDN23 [598], PerezGSL23 [599], NaderiBZ23 [555], abs-2306-05747 [702], abs-2305-19888 [365], PovedaAA23 [613], SquillaciPR23 [686], MarliereSPR23 [517], GurPAE23 [332], Mehdizadeh-Somarin23 [522], abs-2312-13682 [600], KimCMLLP23 [425], ShaikhK23 [668], LacknerMMWW23 [456], EfthymiouY23 [238], TasselGS23 [701], BourreauGGLT22 [146], NaderiBZ22 [554], GeitzGSSW22 [294], JuvinHL22 [408], HeinzNVH22 [364], LiFJZLL22 [469], KovacsTKSG21 [441], Lemos21 [463], Godet21a [303], ZhangYW21 [792], FanXG21 [258], LacknerMMWW21 [455]... (Total: 127)
Algorithms	neural network	abs-2306-05747 [702], TasselGS23 [701], abs-2211-14492 [689], MullerMKP22 [547], ZarandiASC20 [784], JainM99 [400]	EfthymiouY23 [238], AntuoriHHEN20 [25], HookerH17 [391]	abs-2402-00459 [567], GurPAE23 [332], SquillaciPR23 [686], IsikYA23 [398], AfsarVPG23 [10], Groleaz21 [322], FanXG21 [258], AntuoriHHEN21 [26], Astrand21 [44], KovacsTKSG21 [441], FallahiAC20 [257], Lunardi20 [501], GalleguillosKSB19 [279], TangLWSK18 [699], KletzanderM17 [427], TranWDRFOVB16 [726], Froger16 [276], TranDRFWOVB16 [721], OrnekO16 [582], IfrimOS12 [397], ChenGPSH10 [183], JussienL02 [406], BlazewiczDP96 [157], Wallace96 [752]
Algorithms	not-first	KameugneFND23 [415], FahimiOQ18 [254], KameugneFGOQ18 [414], Fahimi16 [253], Dejemeppe16 [213], GayHS15a [286], Kameugne14 [412], Clercq12 [210], Schutt11 [655], Malapert11 [509], SchuttFSW11 [661], VilimBC05 [747], ArtiouchineB05 [43], Demassey03 [216], Baptiste02 [56], Beck99 [77]	TardivoDFMP23 [700], FetgoD22 [262], GokgurHO18 [308], OuelletQ18 [585], HookerH17 [391], DejemeppeCS15 [214], Kameugne15 [413], KameugneFSN14 [418], Letort13 [464], OuelletQ13 [584], Lombardi10 [482], SchuttW10 [665], BartakSR10 [71], MonetteDD07 [540], VilimBC04 [746], Wolf03 [764], BeckF00 [86], TorresL00 [716]	JuvinHHL23 [407], BoudreaultSLQ22 [144], OuelletQ22 [586], Astrand21 [44], Groleaz21 [322], CauwelaertDS20 [179], CauwelaertLS18 [178], Tesch16 [707], CauwelaertDMS16 [176], GrimesH15 [319], ChuGNSW13 [184], MalapertCGJLR12 [510], LimtanyakulS12 [475], KameugneFSN11 [417], Vilim09 [743], Wolf09 [769], Wolf05 [765], Laborie03 [450], SourdN00 [685]
Algorithms	not-last	KameugneFND23 [415], TardivoDFMP23 [700], KameugneFGOQ18 [414], FahimiOQ18 [254], OuelletQ18 [585], Fahimi16 [253], Dejemeppe16 [213], GayHS15a [286], Kameugne14 [412], Clercq12 [210], Malapert11 [509], Schutt11 [655], SchuttW10 [665], ArtiouchineB05 [43], BartakSR10 [71], Vilim05 [742], VilimBC05 [747], Vilim04 [741], Wolf03 [764], Demassey03 [216], Baptiste02 [56], Beck99 [77]	FetgoD22 [262], CauwelaertDS20 [179], GokgurHO18 [308], Tesch18 [708], Kameugne15 [413], DejemeppeCS15 [214], KameugneFSN14 [418], SchuttFS13a [657], OuelletQ13 [584], Letort13 [464], SchuttFSW11 [661], Vilim11 [745], KameugneFSN11 [417], Lombardi10 [482], BartakSR10 [71], MonetteDD07 [540], Wolf05 [765], VilimBC04 [746], TorresL00 [716], BeckF00 [86]	JuvinHHL23 [407], BoudreaultSLQ22 [144], GeitzGSSW22 [294], OuelletQ22 [586], Astrand21 [44], Groleaz21 [322], GodetLHS20 [304], YangSS19 [773], CauwelaertLS18 [178], HookerH17 [391], CauwelaertDMS16 [176], Tesch16 [707], GrimesH15 [319], ChuGNSW13 [184], LimtanyakulS12 [475], MalapertCGJLR12 [510], ChenGPSH10 [183], Wolf09 [769], MonetteDH09 [541], Vilim09a [744], GrimesHM09 [320], Vilim09 [743], BocewiczBB09 [123], WolfS05 [768], WolfS05a [767], Laborie03 [450], Vilim03 [740]

Table 19: Works for Concepts of Type Algorithms

Type	Keyword	High	Medium	Low
Algorithms	particle swarm	SacramentoSP20 [645], ZarandiASC20 [784]	LuZZYW24 [498], ZhuSZW23 [799], AfsarVPG23 [10], IsikYA23 [398], EtminaniefahaniGNMS22 [249], HamPK21 [340], MengZRZL20 [529], Lunardi20 [501], MejiaY20 [523], ZhangW18 [793], Froger16 [276], GrimesH15 [319], MalapertCGJLR12 [510]	BonninMNE24 [138], abs-2402-00459 [567], PrataAN23 [616], Bit-Monnot23 [118], LacknerMMWW23 [456], CzerniachowskaWZ23 [197], AlfieriGPS23 [19], SubulanC22 [687], OrnekOS20 [583], AbreuN22 [208], ColT22 [199], OujanaAYB22 [587], YunusogluY22 [777], QinWSLS21 [619], KoehlerBFFHPSSS21 [428], AbreuAPNM21 [207], LacknerMMWW21 [455], ZhangYW21 [792], HauderBRPA20 [351], MokhtarzadehTNF20 [539], QinDCS20 [620], Polo-MejiaALB20 [610], Novas19 [572], abs-1902-09244 [350], abs-1902-01193 [17], KreterSSZ18 [444], TangLWSK18 [699], HamC16 [342], Dejemeppe16 [213]... (Total: 36)
Algorithms	quadratic programming		WinterMMW22 [763], BurtLPS15 [156]	abs-2402-00459 [567], MarliereSPR23 [517], abs-2211-14492 [689], ZhangBB22 [791], PandeyS21a [592], Hooker19 [389], He0GLW18 [352], Refalo00 [627]
Algorithms	reinforcement learning	abs-2211-14492 [689], AntuoriHHEN20 [25], BeckFW11 [83]	abs-2402-00459 [567], abs-2306-05747 [702], IsikYA23 [398], TasselGS23 [701], AntuoriHHEN21 [26]	PrataAN23 [616], GokPTGO23 [307], AkramNHRSA23 [16], EfthymiouY23 [238], Mehdizadeh-Somarin23 [522], AfsarVPG23 [10], MullerMKP22 [547], SvancaraB22 [692], Zahout21 [781], Lemos21 [463], KovacsTKSG21 [441], Astrand21 [44], ZarandiASC20 [784], Lunardi20 [501], BajestaniB13 [52], CarchraeB09 [165], PerronSF04 [601]
Algorithms	simulated annealing	LuZZYW24 [498], PovedaAA23 [613], IsikYA23 [398], WinterMMW22 [763], Lemos21 [463], ZarandiASC20 [784], SacramentoSP20 [645], NattafDYW19 [563], abs-1911-04766 [291], LiuCGM17 [480], KletzanderM17 [427], Froger16 [276], RendIPHPR12 [629], LimRX04 [471], JainM99 [400], Beck99 [77], BlazewiczDP96 [157]	abs-2402-00459 [567], Mehdizadeh-Somarin23 [522], LacknerMMWW23 [456], GeitzGSSW22 [294], ColT22 [199], HubnerGSV21 [395], Astrand21 [44], MejiaY20 [523], Lunardi20 [501], GedikKEK18 [288], GombolayWS18 [312], BeckFW11 [83], BeniniLMR08 [110], WatsonB08 [759], BeniniBGM05 [107], BeckF98 [84], NuijtenP98 [578], Wallace96 [752], AggounB93 [11]	AbreuNP23 [209], AbreuPNF23 [3], PenzDN23 [598], SquillacIPR23 [686], abs-2306-05747 [702], TasselGS23 [701], JuvinHL23a [410], AkramNHRSA23 [16], PohlAK22 [609], NaderiBZ22a [552], YunusogluY22 [777], AbreuN22 [208], JuvinHL22 [408], YuraszcekMPV22 [779], OrnekOS20 [583], FanXG21 [258], AbreuAPNM21 [207], HamPK21 [340], LacknerMMWW21 [455], GeibingerMM21 [293], Groleaz21 [322], ZhangYW21 [792], KoehlerBFFHPSSS21 [428], TangB20 [698], MokhtarzadehTNF20 [539], FallahiAC20 [257], MengZRZL20 [529], abs-1902-01193 [17], abs-1902-09244 [350]... (Total: 72)
Algorithms	support vector regres- sion			CohenHB17 [192]
Algorithms	swarm intelligence		ZarandiASC20 [784], Lunardi20 [501]	MontemanniD23 [543], Groleaz21 [322], HamPK21 [340], GroleazNS20a [323], Novas19 [572], Siala15a [673]
Algorithms	sweep	Tesch18 [708], BonfiettiZLM16 [137], NattafALR16 [562], Tesch16 [707], LetortCB15 [467], Derrien15 [219], SimoninAHL15 [676], NattafAL15 [560], GayHS15 [285], DerrienPZ14 [221], Letort13 [464], LetortCB13 [466], Clercq12 [210], LetortBC12 [465], SimoninAHL12 [675], ClercqPBJ11 [189], Malapert11 [509], abs-0907-0939 [605], BeldiceanuP07 [101], WolfS05a [767], Wolf05 [765], Wolf03 [764], BeldiceanuC02 [97], BeldiceanuC01 [96]	ArkhipovBL19 [31], FahimiOQ18 [254], GoldwasserS18 [310], GayHS15a [286], Schutt11 [655], AronssonBK09 [35], PoderB08 [607], WolfS05 [768]	BonninMNE24 [138], KameugneFND23 [415], TardivoDFMP23 [700], HebrardALLCMR22 [353], GeitzGSSW22 [294], OuelletQ22 [586], FetgoD22 [262], Godet21a [303], FallahiAC20 [257], HoundjiSW19 [393], KameugneFGQ18 [414], CauwelaertLS18 [178], Madi-WambaLOBM17 [507], Fahimi16 [253], Nattaf16 [559], GingrasQ16 [301], Dejemeppe16 [213], BartakV15 [72], EvenSH15 [250], EvenSH15a [251], DerrienP14 [220], BonfiettiLBM14 [133], GaySS14 [287], OuelletQ13 [584], LozanoCDS12 [497], SimonisH11 [683], BeldiceanuCDP11 [98], Vilim11 [745], Lombardi10 [482]... (Total: 38)
Algorithms	systematic local search			Beck07 [79], DilkinaDH05 [223]

Table 19: Works for Concepts of Type Algorithms

Type	Keyword	High	Medium	Low
Algorithms	time-tabling	ShaikhK23 [668], TardivoDFMP23 [700], OuelletQ22 [586], OrnekOS20 [583], Lemos21 [463], DemirovicS18 [218], FahimiOQ18 [254], Fahimi16 [253], GayHS15a [286], Kameugne14 [412], OuelletQ13 [584], Letort13 [464], GuyonLPR12 [333], HeinzS11 [362], Menana11 [524], KanetAG04 [419], Laborie03 [450], ElkhyariGJ02a [242], Wallace96 [752]	Astrand21 [44], Godet21a [303], WallaceY20 [754], ZarandiASC20 [784], abs-1902-01193 [17], OuelletQ18 [585], CauwelaertLS18 [178], Tesch18 [708], HookerH17 [391], Siala15a [673], Derrien15 [219], GayHS15 [285], Siala15 [672], BofilIGSV15 [129], Vilim11 [745], Elkhyari03 [240], Demassey03 [216], Bartak02 [67]	BonninMNE24 [138], PrataAN23 [616], KameugneFND23 [415], AbreuNP23 [209], MarliereSPR23 [517], Fatemi-AnarakiTFV23 [260], LacknerMMWW23 [456], TouatBT22 [717], FarsiTM22 [259], FetgoD22 [262], SvancaraB22 [692], GeibingerMM21 [293], MokhtarzadehTNF20 [539], GodetLHS20 [304], LiuLH19 [477], KucukY19 [449], Caballero19 [158], Hooker19 [389], abs-1911-04766 [291], GeibingerMM19 [292], ArkhipovBL19 [31], KameugneFGOQ18 [414], AstrandJZ18 [46], BaptisteB18 [58], GoldwaserS18 [310], CohenHB17 [192], YoungFS17 [775], LuoVLBM16 [502], ZarandiKS16 [783]... (Total: 70)

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A Papers and Articles Missing a Local Copy

This section lists all papers and articles for which we were not able to locate an electronic copy that we could download to our system. This might be because the work is behind a paywall for which we do not have access, or since the paper only exists in hardcopy, for works from the start of the period covered. As in either case we are not able to extract useful information from the work, either automatically, or manually, without the actual text itself, these gaps should be closed where possible.

Table 20: PAPER without Local Copy

Key	URL	Authors	Title	Year	Conference /Journal	Cite
FriedrichFMRSSST	FriedrichFMRSSST	G. Friedrich, M. Frühstück, V. Mer- sheeva, A. Ryabokon, M. Sander, A. Starzacher, E. Teppan	Representing Production Scheduling with Constraint Answer Set Programming	2014	GOR 2014	[274]
HamdiL13	HamdiL13	I. Hamdi, T. Loukil	Logic-based Benders decomposition to solve the permutation flowshop scheduling problem with time lags	2013	unknown 2013	[343]
TanSD10	TanSD10	Y. Tan, S. Liu, D. Wang	A constraint programming-based branch and bound algorithm for job shop prob- lems	2010	unknown 2010	[696]
RenT09	RenT09	H. Ren, L. Tang	An improved hybrid MILP/CP algorithm framework for the job-shop scheduling	2009	unknown 2009	[628]
VillaverdeP04	VillaverdeP04	K. Villaverde, E. Pontelli	An Investigation of Scheduling in Distributed Constraint Logic Programming	2004	ISCA 2004	[749]
DorndorfPH99	DorndorfPH99	U. Dorndorf, E. Pesch, Toàn Phan Huy	Recent Developments in Scheduling	1999	Operations Research Proceedings 1999	[230]
BoucherBVBL97	BoucherBVBL97	E. Boucher, A. Bachelu, C. Varnier, P. Baptiste, B. Legeard	Multi-criteria Comparison Between Algorithmic, Constraint Logic and Specific Constraint Programming on a Real Scheduling Problem	1997	PACT 1997	[143]
PapeB97	PapeB97	Claude Le Pape, P. Baptiste	A Constraint Programming Library for Preemptive and Non-Preemptive Sched- uling	1997	PACT 1997	[594]
JourdanFRD94	JourdanFRD94	J. Jourdan, F. Fages, D. Rozzonelli, A. Demeure	Data Alignment and Task Scheduling On Parallel Machines Using Concurrent Con- straint Model-based Programming	1994	ILPS 1994	[404]
Wallace94	Wallace94	Mark G. Wallace	Applying Constraints for Scheduling	1994	Constraint Program- ming 1994	[751]

Table 21: ARTICLE without Local Copy

Key	URL	Authors	Title	Year	Conference /Journal	Cite
FahimiQ23	FahimiQ23	H. Fahimi, C. Quimper	Overload-Checking and Edge-Finding for Robust Cumulative Scheduling	2023	INFORMS Journal on Computing	[255]
GhasemiMH23	GhasemiMH23	S. Ghasemi, R. Tavakkoli-Moghaddam, M. Hamid	Operating room scheduling by emphasising human factors and dynamic decision- making styles: a constraint programming method	2023	International Journal of Systems Science: Oper- ations Logistics	[299]
NaderiBZR23	NaderiBZR23	B. Naderi, Mehmet A. Begen, Gregory S. Zaric, V. Roshanaei	A novel and efficient exact technique for integrated staffing, assignment, routing, and scheduling of home care services under uncertainty	2023	Omega	[553]
NouriMHD23	NouriMHD23	B. Vahedi-Nouri, R. Tavakkoli- Moghaddam, Z. Hanzálek, A. Dolgui	Production scheduling in a reconfigurable manufacturing system benefiting from human-robot collaboration	2023	International Journal of Production Research	[731]
AwadMDMT22	AwadMDMT22	M. Awad, K. Mulrennan, J. Donovan, R. Macpherson, D. Tormey	A constraint programming model for makespan minimisation in batch manufac- turing pharmaceutical facilities	2022	Computers Chemical Engineering	[48]
HillBCGN22	HillBCGN22	A. Hill, Andrea J. Brickey, I. Cipriano, M. Goycoolea, A. Newman	Optimization Strategies for Resource-Constrained Project Scheduling Problems in Underground Mining	2022	INFORMS Journal on Computing	[372]
MartnezAJ22	MartnezAJ22	Karim Pérez Martínez, Y. Adulyasak, R. Jans	Logic-Based Benders Decomposition for Integrated Process Configuration and Pro- duction Planning Problems	2022	INFORMS Journal on Computing	[520]
MengGRZSC22	MengGRZSC22	L. Meng, K. Gao, Y. Ren, B. Zhang, H. Sang, Z. Chaoyong	Novel MILP and CP models for distributed hybrid flowshop scheduling problem with sequence-dependent setup times	2022	Swarm and Evolutionary Computation	[527]
NaderiR22	NaderiR22	B. Naderi, V. Roshanaei	Critical-Path-Search Logic-Based Benders Decomposition Approaches for Flexible Job Shop Scheduling	2022	INFORMS Journal on Optimization	[556]

Table 21: ARTICLE without Local Copy

Key	URL	Authors	Title	Year	Conference /Journal	Cite
ShiYXQ22	ShiYXQ22	G. Shi, Z. Yang, Y. Xu, Y. Quan	Solving the integrated process planning and scheduling problem using an enhanced constraint programming-based approach	2022	International Journal of Production Research	[670]
CarlierSJP21	CarlierSJP21	J. Carlier, A. Sahli, A. Jouglet, E. Pinson	A faster checker of the energetic reasoning for the cumulative scheduling problem	2021	International Journal of Production Research	[172]
Edis21	Edis21	Emrah B. Edis	Constraint programming approaches to disassembly line balancing problem with sequencing decisions	2021	Computers Operations Research	[234]
HamP21	HamP21	A. Ham, M. Park	Human-Robot Task Allocation and Scheduling: Boeing 777 Case Study	2021	IEEE Robotics and Automation Letters	[339]
MengLZB21	MengLZB21	L. Meng, C. Lu, B. Zhang, Y. Ren, C. Lv, H. Sang, J. Li, C. Zhang	Constraint programing for solving four complex flexible shop scheduling problems	2021	IET Collaborative Intelligent Manufacturing	[528]
NaderiRBAU21	NaderiRBAU21	B. Naderi, V. Roshanaei, Mehmet A. Begen, Dionne M. Aleman, David R. Urbach	Increased Surgical Capacity without Additional Resources: Generalized Operating Room Planning and Scheduling	2021	Production and Operations Management	[557]
RabbaniMM21	RabbaniMM21	M. Rabbani, M. Mokhtarzadeh, N. Manavizadeh	A constraint programming approach and a hybrid of genetic and K-means algorithms to solve the p-hub location-allocation problems	2021	International Journal of Management Science and Engineering Management	[624]
RoshanaeiN21	RoshanaeiN21	V. Roshanaei, B. Naderi	Solving integrated operating room planning and scheduling: Logic-based Benders decomposition versus Branch-Price-and-Cut	2021	European Journal of Operational Research	[642]
AlizdehS20	AlizdehS20	S. Alizdeh, S. Saeidi	Fuzzy project scheduling with critical path including risk and resource constraints using linear programming	2020	Int. J. Adv. Intell. Paradigms	[20]
BalochG20	BalochG20	G. Baloch, F. Gzara	Strategic Network Design for Parcel Delivery with Drones Under Competition	2020	Transportation Science	[55]
CarlierPSJ20	CarlierPSJ20	J. Carlier, E. Pinson, A. Sahli, A. Jouglet	An $O(n^2)$ algorithm for time-bound adjustments for the cumulative scheduling problem	2020	European Journal of Operational Research	[167]
FachiniA20	FachiniA20	Ramon Faganello Fachini, Vinícius Amaral Armentano	Logic-based Benders decomposition for the heterogeneous fixed fleet vehicle routing problem with time windows	2020	Computers Industrial Engineering	[252]
GuoHLW20	GuoHLW20	P. Guo, X. He, Y. Luan, Y. Wang	Logic-based Benders decomposition for gantry crane scheduling with transferring position constraints in a rail-road container terminal	2020	Engineering Optimization	[330]
Ham20	Ham20	A. Ham	Transfer-robot task scheduling in job shop	2020	International Journal of Production Research	[337]
Ham20a	Ham20a	A. Ham	Drone-Based Material Transfer System in a Robotic Mobile Fulfillment Center	2020	IEEE Transactions on Automation Science and Engineering	[336]
ColT2019a	ColT2019a	Giacomo Da Col, E. Teppan	Google vs IBM: A Constraint Solving Challenge on the Job-Shop Scheduling Problem	2019	Electronic Proceedings in Theoretical Computer Science	[198]
EdwardsBSE19	EdwardsBSE19	Steven J. Edwards, D. Baatar, K. Smith-Miles, Andreas T. Ernst	Symmetry breaking of identical projects in the high-multiplicity RCPSP/max	2019	Journal of the Operational Research Society	[237]
HechingHK19	HechingHK19	A. Heching, J. N. Hooker, R. Kimura	A Logic-Based Benders Approach to Home Healthcare Delivery	2019	Transportation Science	[356]
SunTB19	SunTB19	D. Sun, L. Tang, R. Baldacci	A Benders decomposition-based framework for solving quay crane scheduling problems	2019	European Journal of Operational Research	[688]
TanZWGQ19	TanZWGQ19	Y. Tan, M. Zhou, Y. Wang, X. Guo, L. Qi	A Hybrid MIP-CP Approach to Multistage Scheduling Problem in Continuous Casting and Hot-Rolling Processes	2019	IEEE Transactions on Automation Science and Engineering	[697]
UnsalO19	UnsalO19	O. Unsal, C. Oguz	An exact algorithm for integrated planning of operations in dry bulk terminals	2019	Transportation Research Part E: Logistics and Transportation Review	[730]
WariZ19	WariZ19	E. Wari, W. Zhu	A Constraint Programming model for food processing industry: a case for an ice cream processing facility	2019	International Journal of Production Research	[758]
BukchinR18	BukchinR18	Y. Bukchin, T. Raviv	Constraint programming for solving various assembly line balancing problems	2018	Omega	[155]
EmeretlisTAV17	EmeretlisTAV17	A. Emeretlis, G. Theodoridis, P. Alefragis, N. Voros	Static Mapping of Applications on Heterogeneous Multi-Core Platforms Combining Logic-Based Benders Decomposition with Integer Linear Programming	2017	ACM Transactions on Design Automation of Electronic Systems	[244]
GedikKBR17	GedikKBR17	R. Gedik, E. Kirac, Ashlea Bennet Milburn, C. Rainwater	A constraint programming approach for the team orienteering problem with time windows	2017	Computers Industrial Engineering	[289]

Table 21: ARTICLE without Local Copy

Key	URL	Authors	Title	Year	Conference /Journal	Cite
HamFC17	HamFC17	A. Ham, John W. Fowler, E. Cakici	Constraint Programming Approach for Scheduling Jobs With Release Times, Non-Identical Sizes, and Incompatible Families on Parallel Batching Machines	2017	IEEE Transactions on Semiconductor Manufacturing	[338]
RoshanaeiLAU17a	RoshanaeiLAU17a	V. Roshanaei, C. Luong, Dionne M. Aleman, David R. Urbach	Collaborative Operating Room Planning and Scheduling	2017	INFORMS Journal on Computing	[641]
SchnellH17	SchnellH17	A. Schnell, Richard F. Hartl	On the generalization of constraint programming and boolean satisfiability solving techniques to schedule a resource-constrained project consisting of multi-mode jobs	2017	Operations Research Perspectives	[654]
BoothTNB16	BoothTNB16	Kyle E. C. Booth, Tony T. Tran, G. Nejati, J. Christopher Beck	Mixed-Integer and Constraint Programming Techniques for Mobile Robot Task Planning	2016	IEEE Robotics and Automation Letters	[140]
QinDS16	QinDS16	T. Qin, Y. Du, M. Sha	Evaluating the solution performance of IP and CP for berth allocation with time-varying water depth	2016	Transportation Research Part E: Logistics and Transportation Review	[621]
RiiseML16	RiiseML16	A. Riise, C. Mannino, L. Lamorgese	Recursive logic-based Benders' decomposition for multi-mode outpatient scheduling	2016	European Journal of Operational Research	[631]
AlesioBNG15	AlesioBNG15	Stefano Di Alesio, Lionel C. Briand, S. Nejati, A. Gotlieb	Combining Genetic Algorithms and Constraint Programming to Support Stress Testing of Task Deadlines	2015	ACM Transactions on Software Engineering and Methodology	[18]
ArtiguesL14	ArtiguesL14	C. Artigues, P. Lopez	Energetic reasoning for energy-constrained scheduling with a continuous resource	2014	Journal of Scheduling	[40]
ArtiguesLH13	ArtiguesLH13	C. Artigues, P. Lopez, A. Haït	The energy scheduling problem: Industrial case-study and constraint propagation techniques	2013	International Journal of Production Economics	[41]
KameugneF13	KameugneF13	R. Kameugne, Laure Pauline Fotso	A cumulative not-first/not-last filtering algorithm in $O(n \log(n))$	2013	Indian Journal of Pure and Applied Mathematics	[416]
UnsalO13	UnsalO13	O. Unsal, C. Oguz	Constraint programming approach to quay crane scheduling problem	2013	Transportation Research Part E: Logistics and Transportation Review	[729]
ZarandiB12	ZarandiB12	Mohammad M. Fazel-Zarandi, J. Christopher Beck	Using Logic-Based Benders Decomposition to Solve the Capacity- and Distance-Constrained Plant Location Problem	2012	INFORMS Journal on Computing	[261]
EdisO11a	EdisO11a	Emrah B. Edis, I. Ozkarahan	A combined integer/constraint programming approach to a resource-constrained parallel machine scheduling problem with machine eligibility restrictions	2011	Engineering Optimization	[236]
LiuW11	LiuW11	S. Liu, C. Wang	Optimizing project selection and scheduling problems with time-dependent resource constraints	2011	Automation in Construction	[479]
ReddyFIBKAJ11	ReddyFIBKAJ11	Sudhakar Y. Reddy, J. Frank, M. Iatauro, Matthew E. Boyce, E. Kürklü, M. Ai-Chang, Ari K. Jónsson	Planning solar array operations on the international space station	2011	ACM Trans. Intell. Syst. Technol.	[626]
ZeballosNH11	ZeballosNH11	Luis J. Zeballos, Juan M. Novas, Gabriela P. Henning	A CP formulation for scheduling multiproduct multistage batch plants	2011	Computers Chemical Engineering	[789]
LiuGT10	LiuGT10	S. Liu, Z. Guo, J. Tang	Constraint Propagation for Cumulative Scheduling Problems with Precedences: Constraint Propagation for Cumulative Scheduling Problems with Precedences	2010	Acta Automatica Sinica	[478]
Zeballos10	Zeballos10	L. Zeballos	A constraint programming approach to tool allocation and production scheduling in flexible manufacturing systems	2010	Robotics and Computer-Integrated Manufacturing	[785]
ZeballosCM10	ZeballosCM10	Luis J. Zeballos, Pedro M. Castro, Carlos A. Méndez	Integrated Constraint Programming Scheduling Approach for Automated Wet-Etch Stations in Semiconductor Manufacturing	2010	Industrial Engineering Chemistry Research	[788]
BartakSR08	BartakSR08	R. Barták, Miguel A. Salido, F. Rossi	Constraint satisfaction techniques in planning and scheduling	2008	Journal of Intelligent Manufacturing	[75]
ClautiauxJCM08	ClautiauxJCM08	F. Clautiaux, A. Jouglet, J. Carlier, A. Moukrim	A new constraint programming approach for the orthogonal packing problem	2008	Computers Operations Research	[188]
HladikCDJ08	HladikCDJ08	P. Hladik, H. Cambazard, A. Déplanche, N. Jussien	Solving a real-time allocation problem with constraint programming	2008	Journal of Systems and Software	[374]
MercierH07	MercierH07	L. Mercier, Pascal Van Hentenryck	Strong polynomiality of resource constraint propagation	2007	Discrete Optimization	[531]
BockmayrP06	BockmayrP06	A. Bockmayr, N. Pisaruk	Detecting infeasibility and generating cuts for mixed integer programming using constraint programming	2006	Computers Operations Research	[126]
Gronkvist06	Gronkvist06	M. Grönkvist	Accelerating column generation for aircraft scheduling using constraint propagation	2006	Computers Operations Research	[325]

Table 21: ARTICLE without Local Copy

Key	URL	Authors	Title	Year	Conference /Journal	Cite
RoePS05	RoePS05	B. Roe, Lazaros G. Papageorgiou, N. Shah	A hybrid MILP/CLP algorithm for multipurpose batch process scheduling	2005	Computers Engineering	Chemical [638]
MaraveliasCG04	MaraveliasCG04	Christos T. Maravelias, Ignacio E. Grossmann	A hybrid MILP/CP decomposition approach for the continuous time scheduling of multipurpose batch plants	2004	Computers Engineering	Chemical [515]
Kuchcinski03	Kuchcinski03	K. Kuchcinski	Constraints-driven scheduling and resource assignment	2003	ACM Transactions on Design Automation of Electronic Systems	[446]
Hentenryck02	Hentenryck02	Pascal Van Hentenryck	Constraint and Integer Programming in OPL	2002	INFORMS Journal on Computing	[367]
Hooker02	Hooker02	John N. Hooker	Logic, Optimization, and Constraint Programming	2002	INFORMS Journal on Computing	[379]
MilanoORT02	MilanoORT02	M. Milano, G. Ottosson, P. Refalo, Erlendur S. Thorsteinsson	The Role of Integer Programming Techniques in Constraint Programming's Global Constraints	2002	INFORMS Journal on Computing	[534]
BosiM2001	BosiM2001	F. Bosi, M. Milano	Enhancing CLP branch and bound techniques for scheduling problems	2001	Software: Practice and Experience	[142]
LustigP01	LustigP01	Irvin J. Lustig, J. Puget	Program Does Not Equal Program: Constraint Programming and Its Relationship to Mathematical Programming	2001	Interfaces	[504]
BeckF00a	BeckF00a	J. Christopher Beck, Mark S. Fox	Constraint-directed techniques for scheduling alternative activities	2000	Artificial Intelligence	[85]
BruckerK00	BruckerK00	P. Brucker, S. Knust	A linear programming and constraint propagation-based lower bound for the RCPSP	2000	European Journal of Operational Research	[153]
Dorndorf2000	Dorndorf2000	U. Dorndorf, E. Pesch, T. Phan-Huy	Constraint propagation techniques for the disjunctive scheduling problem	2000	Artificial Intelligence	[231]
HarjunoskiJG00	HarjunoskiJG00	I. Harjunoski, V. Jain, Ignacio E. Grossmann	Hybrid mixed-integer/constraint logic programming strategies for solving scheduling and combinatorial optimization problems	2000	Computers Engineering	Chemical [346]
HookerOTK00	HookerOTK00	J. HOOKER, G. OTTOSSON, ERLENDER S. THORSTEINSSON, H. KIM	A scheme for unifying optimization and constraint satisfaction methods	2000	The Knowledge Engineering Review	[377]
BrailsfordPS99	BrailsfordPS99	Sally C. Brailsford, Chris N. Potts, Barbara M. Smith	Constraint satisfaction problems: Algorithms and applications	1999	European Journal of Operational Research	[147]
HookerO99	HookerO99	J. Hooker, M. Osorio	Mixed logical-linear programming	1999	Discrete Applied Mathematics	[376]
PesantGPR99	PesantGPR99	G. Pesant, M. Gendreau, J. Potvin, J. Rousseau	On the flexibility of constraint programming models: From single to multiple time windows for the traveling salesman problem	1999	European Journal of Operational Research	[602]
RodosekWH99	RodosekWH99	R. Rodosek, Mark G. Wallace, M. Hajian	A new approach to integrating mixed integer programming and constraint logic programming	1999	Annals of Operations Research	[633]
BeckDDF98	BeckDDF98	J. Christopher Beck, Andrew J. Davenport, Eugene D. Davis, Mark S. Fox	The ODO project: toward a unified basis for constraint-directed scheduling	1998	Journal of Scheduling	[81]
BockmayrK98	BockmayrK98	A. Bockmayr, T. Kasper	Branch and Infer: A Unifying Framework for Integer and Finite Domain Constraint Programming	1998	INFORMS Journal on Computing	[125]
DarbyDowmanL98	DarbyDowmanL98	K. Darby-Dowman, J. Little	Properties of Some Combinatorial Optimization Problems and Their Effect on the Performance of Integer Programming and Constraint Logic Programming	1998	INFORMS Journal on Computing	[202]
HerroelenRD98	HerroelenRD98	W. Herroelen, Bert De Reyck, E. Demeulemeester	Resource-constrained project scheduling: A survey of recent developments	1998	Computers Operations Research	[371]
PeschT96	PeschT96	E. Pesch, Ulrich A. W. Tetzlaff	Constraint Propagation Based Scheduling of Job Shops	1996	INFORMS Journal on Computing	[604]
SadehF96	SadehF96	N. Sadeh, Mark S. Fox	Variable and value ordering heuristics for the job shop scheduling constraint satisfaction problem	1996	Artificial Intelligence	[646]
SmithBHW96	SmithBHW96	Barbara M. Smith, Sally C. Brailsford, Peter M. Hubbard, H. Paul Williams	The progressive party problem: Integer linear programming and constraint programming compared	1996	Constraints An Int. J.	[684]
WeilHFP95	WeilHFP95	G. Weil, K. Heus, P. Francois, M. Poujade	Constraint programming for nurse scheduling	1995	IEEE Engineering in Medicine and Biology Magazine	[760]
LubySZ93	LubySZ93	M. Luby, A. Sinclair, D. Zuckerman	Optimal speedup of Las Vegas algorithms	1993	Information Processing Letters	[499]
MintonJPL92	MintonJPL92	S. Minton, Mark D. Johnston, Andrew B. Philips, P. Laird	Minimizing conflicts: a heuristic repair method for constraint satisfaction and scheduling problems	1992	Artificial Intelligence	[537]

Table 21: ARTICLE without Local Copy

Key	URL	Authors	Title	Year	Conference /Journal	Cite
Tay92	Tay92	David B. H. Tay	COPS: A Constraint Programming Approach to Resource-Limited Project Scheduling	1992	Comput. J.	[703]
Davis87	Davis87	E. Davis	Constraint propagation with interval labels	1987	Artificial Intelligence	[206]
Carlier82	Carlier82	J. Carlier	The one-machine sequencing problem	1982	European Journal of Operational Research	[168]
Lauriere78	Lauriere78	J. Lauriere	A language and a program for stating and solving combinatorial problems	1978	Artificial Intelligence	[461]
Mackworth77	Mackworth77	Alan K. Mackworth	Consistency in networks of relations	1977	Artificial Intelligence	[505]
GareyJS76	GareyJS76	M. R. Garey, D. S. Johnson, R. Sethi	The Complexity of Flowshop and Jobshop Scheduling	1976	Mathematics of Operations Research	[280]
Geoffrion72	Geoffrion72	A. M. Geoffrion	Generalized Benders decomposition	1972	Journal of Optimization Theory and Applications	[296]
PritskerWW69	PritskerWW69	A. Alan B. Pritsker, Lawrence J. Waiters, Philip M. Wolfe	Multiproject Scheduling with Limited Resources: A Zero-One Programming Approach	1969	Management Science	[617]

B Papers and Articles Without Recognized Concepts

This section lists papers and articles for which we have a pdf local copy, but where we were not able to extract any of the defined concepts. This can basically have two reasons. We either have included a paper which is not at all related to scheduling, so that none of the defined concepts occur in the paper. A more likely cause is that the pdf file is a scanned document for which optical character recognition was not run or not successful, so that the pdf consists of a series of bitmap images. In that case, pdfgrep is unable to find any text in the document, and no matches for concepts are found. It may be useful to check the pdf files to see if that is the case.

Table 22: PAPER without Concepts

Key	Local Copy	Authors	Title	Year	Conference /Journal	Cite	Pages
BaptisteLV92	Yes	P. Baptiste, B. Legeard, C. Varnier	Hoist scheduling problem: an approach based on constraint logic programming	1992	ICRA 1992	[64]	6
DincbasHSAGB88	Yes	M. Dincbas, Pascal Van Hentenryck, H. Simonis, A. Aggoun, T. Graf, F. Berthier	The Constraint Logic Programming Language CHIP	1988	FGCS 1988	[224]	10

Table 23: ARTICLE without Concepts

Key	Local Copy	Authors	Title	Year	Conference /Journal	Cite	Pages
KorbaaYG00	Yes	O. Korbaa, P. Yim, J. Gentina	Solving Transient Scheduling Problems with Constraint Programming	2000	Eur. J. Control	[432]	10
LopezAKYG00	Yes	P. Lopez, H. Alla, O. Korbaa, P. Yim, J. Gentina	Discussion on: 'Solving Transient Scheduling Problems with Constraint Programming' by O. Korbaa, P. Yim, and J.-C. Gentina	2000	Eur. J. Control	[494]	4
CarlierP94	Yes	J. Carlier, E. Pinson	Adjustment of heads and tails for the job-shop problem	1994	European Journal of Operational Research	[171]	16
ApplegateC91	Yes	D. Applegate, W. Cook	A Computational Study of the Job-Shop Scheduling Problem	1991	ORSA Journal on Computing	[27]	8

C Unmatched Concepts

This section lists those concepts for which no matches were found. The most likely cause is a mistake in the regular expression used to find the concept, but it is also possible that some concept simply is not mentioned in any of the documents.

Table 24: Unmatched Concepts

Type	Name	CaseSensitive	Revision
Algorithms	large language model		0
Industries	PCB industry		0
Industries	leisure industry		0
Industries	metalworking industry		0
Industries	nuclear industry		0
Industries	steel making industry		0
ApplicationAreas	ship building		0
Classification	Modified Generalized Assignment Problem		0
Classification	PP-MS-MMRCPS	Y	1
Classification	Pre-emptive Job-Shop scheduling Problem		0
Classification	SMSDP	Y	1
Classification	Steel-making and continuous casting		0

D Works by Author

D.1 53 Works by J. Christopher Beck

Table 25: Works from bibtex (Total 53)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
LuoB22 LuoB22	Yiqing L. Luo, J. Christopher Beck	Packing by Scheduling: Using Constraint Programming to Solve a Complex 2D Cutting Stock Problem	Yes	[503]	2022	CPAIOR 2022	17	0	28	571	719
ZhangBB22 ZhangBB22	J. Zhang, Giovanni Lo Bianco, J. Christopher Beck	Solving Job-Shop Scheduling Problems with QUBO-Based Specialized Hardware	Yes	[791]	2022	ICAPS 2022	9	1	0	689	727
RoshanaeiBAUB20 RoshanaeiBAUB20	V. Roshanaei, Kyle E.C. Booth, Dionne M. Aleman, David R. Urbach, J. Christopher Beck	Branch-and-check methods for multi-level operating room planning and scheduling	Yes	[639]	2020	International Journal of Production Economics	19	24	43	1607	1771
TangB20 TangB20	Tanya Y. Tang, J. Christopher Beck	CP and Hybrid Models for Two-Stage Batching and Scheduling	Yes	[698]	2020	CPAIOR 2020	16	6	12	643	749
TranPZLDB18 TranPZLDB18	Tony T. Tran, M. Padmanabhan, Peter Yun Zhang, H. Li, Douglas G. Down, J. Christopher Beck	Multi-stage resource-aware scheduling for data centers with heterogeneous servers	Yes	[722]	2018	Journal of Scheduling	17	8	26	1635	1813
CohenHB17 CohenHB17	E. Cohen, G. Huang, J. Christopher Beck	(I Can Get) Satisfaction: Preference-Based Scheduling for Concert-Goers at Multi-venue Music Festivals	Yes	[192]	2017	SAT 2017	17	1	12	441	787
TranVNB17 TranVNB17	Tony T. Tran, Tiago Stegun Vaquero, G. Nejat, J. Christopher Beck	Robots in Retirement Homes: Applying Off-the-Shelf Planning and Scheduling to a Team of Assistive Robots	Yes	[724]	2017	J. Artif. Intell. Res.	68	12	0	1636	1825
TranVNB17a TranVNB17a	Tony T. Tran, Tiago Stegun Vaquero, G. Nejat, J. Christopher Beck	Robots in Retirement Homes: Applying Off-the-Shelf Planning and Scheduling to a Team of Assistive Robots (Extended Abstract)	Yes	[725]	2017	IJCAI 2017	5	1	0	658	796
BoothNB16 BoothNB16	Kyle E. C. Booth, G. Nejat, J. Christopher Beck	A Constraint Programming Approach to Multi-Robot Task Allocation and Scheduling in Retirement Homes	Yes	[139]	2016	CP 2016	17	21	24	419	800
BoothTNB16 BoothTNB16	Kyle E. C. Booth, Tony T. Tran, G. Nejat, J. Christopher Beck	Mixed-Integer and Constraint Programming Techniques for Mobile Robot Task Planning	No	[140]	2016	IEEE Robotics and Automation Letters	null	27	21	No	1828
KuB16 KuB16	W. Ku, J. Christopher Beck	Mixed Integer Programming models for job shop scheduling: A computational analysis	Yes	[445]	2016	Computers Operations Research	9	119	17	1533	1834
LuoVLBM16 LuoVLBM16	R. Luo, Richard Anthony Valenzano, Y. Li, J. Christopher Beck, Sheila A. McIlraith	Using Metric Temporal Logic to Specify Scheduling Problems	Yes	[502]	2016	KR 2016	4	0	0	572	811
TranAB16 TranAB16	Tony T. Tran, A. Araujo, J. Christopher Beck	Decomposition Methods for the Parallel Machine Scheduling Problem with Setups	Yes	[719]	2016	INFORMS Journal on Computing	13	72	28	1634	1840
TranDRFWOVB16 TranDRFWOVB16	Tony T. Tran, M. Do, Eleanor Gilbert Rieffel, J. Frank, Z. Wang, B. O’Gorman, D. Venturelli, J. Christopher Beck	A Hybrid Quantum-Classical Approach to Solving Scheduling Problems	Yes	[721]	2016	SOCS 2016	9	3	0	656	816
TranWDRFOVB16 TranWDRFOVB16	Tony T. Tran, Z. Wang, M. Do, Eleanor Gilbert Rieffel, J. Frank, B. O’Gorman, D. Venturelli, J. Christopher Beck	Explorations of Quantum-Classical Approaches to Scheduling a Mars Lander Activity Problem	Yes	[726]	2016	AAAI 2016	9	0	0	659	817
BajestaniB15 BajestaniB15	Maliheh Aramon Bajestani, J. Christopher Beck	A two-stage coupled algorithm for an integrated maintenance planning and flowshop scheduling problem with deteriorating machines	Yes	[53]	2015	Journal of Scheduling	16	17	59	1419	1843
KoschB14 KoschB14	S. Kosch, J. Christopher Beck	A New MIP Model for Parallel-Batch Scheduling with Non-identical Job Sizes	Yes	[433]	2014	CPAIOR 2014	16	4	18	538	849
LouieVNB14 LouieVNB14	Wing-Yue Geoffrey Louie, Tiago Stegun Vaquero, G. Nejat, J. Christopher Beck	An autonomous assistive robot for planning, scheduling and facilitating multi-user activities	Yes	[496]	2014	ICRA 2014	7	16	9	569	851
TerekhovTDB14 TerekhovTDB14	D. Terekhov, Tony T. Tran, Douglas G. Down, J. Christopher Beck	Integrating Queueing Theory and Scheduling for Dynamic Scheduling Problems	Yes	[706]	2014	J. Artif. Intell. Res.	38	12	0	1629	1863
BajestaniB13 BajestaniB13	Maliheh Aramon Bajestani, J. Christopher Beck	Scheduling a Dynamic Aircraft Repair Shop with Limited Repair Resources	Yes	[52]	2013	J. Artif. Intell. Res.	36	14	0	1418	1866

Table 25: Works from bibtex (Total 53)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
HeinzKB13 HeinzKB13	S. Heinz, W. Ku, J. Christopher Beck	Recent Improvements Using Constraint Integer Programming for Resource Allocation and Scheduling	Yes	[360]	2013	CPAIOR 2013	16	9	15	508	857
HeinzSB13 HeinzSB13	S. Heinz, J. Schulz, J. Christopher Beck	Using dual presolving reductions to reformulate cumulative constraints	Yes	[363]	2013	Constraints An Int. J.	36	7	31	1505	1868
TranTDB13 TranTDB13	Tony T. Tran, D. Terekhov, Douglas G. Down, J. Christopher Beck	Hybrid Queueing Theory and Scheduling Models for Dynamic Environments with Sequence-Dependent Setup Times	Yes	[723]	2013	ICAPS 2013	9	2	0	657	865
HeinzB12 HeinzB12	S. Heinz, J. Christopher Beck	Reconsidering Mixed Integer Programming and MIP-Based Hybrids for Scheduling	Yes	[359]	2012	CPAIOR 2012	17	8	21	507	871
TerekhovDOB12 TerekhovDOB12	D. Terekhov, Mustafa K. Dogru, U. Özen, J. Christopher Beck	Solving two-machine assembly scheduling problems with inventory constraints	Yes	[705]	2012	Computers Industrial Engineering	15	8	48	1628	1884
TranB12 TranB12	Tony T. Tran, J. Christopher Beck	Logic-based Benders Decomposition for Alternative Resource Scheduling with Sequence Dependent Setups	Yes	[720]	2012	ECAI 2012	6	0	0	655	879
ZarandiB12 ZarandiB12	Mohammad M. Fazel-Zarandi, J. Christopher Beck	Using Logic-Based Benders Decomposition to Solve the Capacity- and Distance-Constrained Plant Location Problem	No	[261]	2012	INFORMS Journal on Computing	null	38	57	No	1885
BajestaniB11 BajestaniB11	Maliheh Aramon Bajestani, J. Christopher Beck	Scheduling an Aircraft Repair Shop	Yes	[51]	2011	ICAPS 2011	8	2	0	375	881
BeckFW11 BeckFW11	J. Christopher Beck, T. K. Feng, J. Watson	Combining Constraint Programming and Local Search for Job-Shop Scheduling	Yes	[83]	2011	INFORMS Journal on Computing	14	43	23	1430	1888
HeckmanB11 HeckmanB11	I. Heckman, J. Christopher Beck	Understanding the behavior of Solution-Guided Search for job-shop scheduling	Yes	[358]	2011	Journal of Scheduling	20	0	22	1503	1894
KovacsB11 KovacsB11	A. Kovács, J. Christopher Beck	A global constraint for total weighted completion time for unary resources	Yes	[436]	2011	Constraints An Int. J.	24	4	26	1529	1896
Beck10 Beck10	J. Christopher Beck	Checking-Up on Branch-and-Check	Yes	[80]	2010	CP 2010	15	19	11	387	898
BidotVLB09 BidotVLB09	J. Bidot, T. Vidal, P. Laborie, J. Christopher Beck	A theoretic and practical framework for scheduling in a stochastic environment	Yes	[116]	2009	Journal of Scheduling	30	58	20	1441	1918
CarchraeB09 CarchraeB09	T. Carchrae, J. Christopher Beck	Principles for the Design of Large Neighborhood Search	Yes	[165]	2009	Journal of Mathematical Modelling and Algorithms	26	16	19	1453	1920
WuBB09 WuBB09	Christine Wei Wu, Kenneth N. Brown, J. Christopher Beck	Scheduling with uncertain durations: Modeling beta-robust scheduling with constraints	Yes	[772]	2009	Computers Operations Research	9	42	5	1645	1926
KovacsB08 KovacsB08	A. Kovács, J. Christopher Beck	A global constraint for total weighted completion time for cumulative resources	Yes	[435]	2008	Eng. Appl. Artif. Intell.	7	5	14	1528	1932
WatsonB08 WatsonB08	J. Watson, J. Christopher Beck	A Hybrid Constraint Programming / Local Search Approach to the Job-Shop Scheduling Problem	Yes	[759]	2008	CPAIOR 2008	15	14	17	675	934
Beck07 Beck07	J. Christopher Beck	Solution-Guided Multi-Point Constructive Search for Job Shop Scheduling	Yes	[79]	2007	J. Artif. Intell. Res.	29	34	0	1427	1938
BeckW07 BeckW07	J. Christopher Beck, N. Wilson	Proactive Algorithms for Job Shop Scheduling with Probabilistic Durations	Yes	[91]	2007	J. Artif. Intell. Res.	50	27	0	1432	1939
KovacsB07 KovacsB07	A. Kovács, J. Christopher Beck	A Global Constraint for Total Weighted Completion Time	Yes	[434]	2007	CPAIOR 2007	15	2	12	539	941
Beck06 Beck06	J. Christopher Beck	An Empirical Study of Multi-Point Constructive Search for Constraint-Based Scheduling	Yes	[78]	2006	ICAPS 2006	10	0	0	386	947
BeckW05 BeckW05	J. Christopher Beck, N. Wilson	Proactive Algorithms for Scheduling with Probabilistic Durations	Yes	[90]	2005	IJCAI 2005	6	0	0	391	957
CarchraeBF05 CarchraeBF05	T. Carchrae, J. Christopher Beck, Eugene C. Freuder	Methods to Learn Abstract Scheduling Models	Yes	[166]	2005	CP 2005	1	0	0	429	960
WuBB05 WuBB05	Christine Wei Wu, Kenneth N. Brown, J. Christopher Beck	Scheduling with Uncertain Start Dates	Yes	[771]	2005	CP 2005	1	0	0	684	977
BeckW04 BeckW04	J. Christopher Beck, N. Wilson	Job Shop Scheduling with Probabilistic Durations	Yes	[89]	2004	ECAI 2004	5	0	0	390	979

Table 25: Works from bibtex (Total 53)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
BeckPS03 BeckPS03	J. Christopher Beck, P. Prosser, E. Selensky	Vehicle Routing and Job Shop Scheduling: What's the Difference?	Yes	[87]	2003	ICAPS 2003	10	0	0	389	992
BeckR03 BeckR03	J. Christopher Beck, P. Refalo	A Hybrid Approach to Scheduling with Earliness and Tardiness Costs	Yes	[88]	2003	Annals of Operations Research	23	29	0	1431	1959
BeckF00 BeckF00	J. Christopher Beck, Mark S. Fox	Dynamic problem structure analysis as a basis for constraint-directed scheduling heuristics	Yes	[86]	2000	Artificial Intelligence	51	24	19	1428	1978
BeckF00a BeckF00a	J. Christopher Beck, Mark S. Fox	Constraint-directed techniques for scheduling alternative activities	No	[85]	2000	Artificial Intelligence	null	48	10	No	1979
Beck99 Beck99	J. Christopher Beck	Texture measurements as a basis for heuristic commitment techniques in constraint-directed scheduling	Yes	[77]	1999	University of Toronto, Canada	418	0	0	3201	n/a
BeckDDF98 BeckDDF98	J. Christopher Beck, Andrew J. Davenport, Eugene D. Davis, Mark S. Fox	The ODO project: toward a unified basis for constraint-directed scheduling	No	[81]	1998	Journal of Scheduling	null	9	0	No	1998
BeckF98 BeckF98	J. Christopher Beck, Mark S. Fox	A Generic Framework for Constraint-Directed Search and Scheduling	Yes	[84]	1998	AI Mag.	30	0	0	1429	1999
BeckDF97 BeckDF97	J. Christopher Beck, Andrew J. Davenport, Mark S. Fox	Five Pitfalls of Empirical Scheduling Research	Yes	[82]	1997	CP 1997	15	3	12	388	1029

D.2 34 Works by Michela Milano

Table 26: Works from bibtex (Total 34)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
BorghesiBLMB18 BorghesiBLMB18	A. Borghesi, A. Bartolini, M. Lombardi, M. Milano, L. Benini	Scheduling-based power capping in high performance computing systems	Yes	[141]	2018	Sustain. Comput. Informatics Syst.	13	11	22	1448	1798
BonfiettiZLM16 BonfiettiZLM16	A. Bonfietti, A. Zanarini, M. Lombardi, M. Milano	The Multirate Resource Constraint	Yes	[137]	2016	CP 2016	17	0	11	417	799
BridiBLMB16 BridiBLMB16	T. Bridi, A. Bartolini, M. Lombardi, M. Milano, L. Benini	A Constraint Programming Scheduler for Heterogeneous High-Performance Computing Machines	Yes	[150]	2016	IEEE Trans. Parallel Distributed Syst.	14	17	22	1450	1829
BridiLBBM16 BridiLBBM16	T. Bridi, M. Lombardi, A. Bartolini, L. Benini, M. Milano	DARDIS: Distributed And Randomized DIspatching and Scheduling	Yes	[151]	2016	ECAI 2016	2	0	0	422	801
LombardiBM15 LombardiBM15	M. Lombardi, A. Bonfietti, M. Milano	Deterministic Estimation of the Expected Makespan of a POS Under Duration Uncertainty	Yes	[483]	2015	CP 2015	16	0	8	564	829
BartoliniBBLM14 BartoliniBBLM14	A. Bartolini, A. Borghesi, T. Bridi, M. Lombardi, M. Milano	Proactive Workload Dispatching on the EURORA Supercomputer	Yes	[73]	2014	CP 2014	16	12	3	384	838
BonfiettiLBM14 BonfiettiLBM14	A. Bonfietti, M. Lombardi, L. Benini, M. Milano	CROSS cyclic resource-constrained scheduling solver	Yes	[133]	2014	Artificial Intelligence CPAIOR 2014	28	8	15	1447	1857
BonfiettiLM14 BonfiettiLM14	A. Bonfietti, M. Lombardi, M. Milano	Disregarding Duration Uncertainty in Partial Order Schedules? Yes, We Can!	Yes	[135]	2014	CPAIOR 2014	16	3	12	415	841
BonfiettiLM13 BonfiettiLM13	A. Bonfietti, M. Lombardi, M. Milano	De-Cycling Cyclic Scheduling Problems	Yes	[134]	2013	ICAPS 2013	5	1	0	414	852
LombardiM13 LombardiM13	M. Lombardi, M. Milano	A Min-Flow Algorithm for Minimal Critical Set Detection in Resource Constrained Project Scheduling	Yes	[490]	2013	ICAPS 2013	2	3	13	568	860
LombardiMB13 LombardiMB13	M. Lombardi, M. Milano, L. Benini	Robust Scheduling of Task Graphs under Execution Time Uncertainty	Yes	[491]	2013	IEEE Transactions on Computers	14	28	29	1547	1870
BonfiettiLBM12 BonfiettiLBM12	A. Bonfietti, M. Lombardi, L. Benini, M. Milano	Global Cyclic Cumulative Constraint	Yes	[132]	2012	CPAIOR 2012	16	2	11	413	868
BonfiettiM12 BonfiettiM12	A. Bonfietti, M. Milano	A Constraint-based Approach to Cyclic Resource-Constrained Scheduling Problem	Yes	[136]	2012	DC SIAAI 2012	3	0	0	416	869
LombardiM12 LombardiM12	M. Lombardi, M. Milano	Optimal methods for resource allocation and scheduling: a cross-disciplinary survey	Yes	[489]	2012	Constraints An Int. J.	35	39	68	1545	1878
LombardiM12a LombardiM12a	M. Lombardi, M. Milano	A min-flow algorithm for Minimal Critical Set detection in Resource Constrained Project Scheduling	Yes	[488]	2012	Artificial Intelligence	10	3	13	1546	1879
BeniniLMR11 BeniniLMR11	L. Benini, M. Lombardi, M. Milano, M. Ruggiero	Optimal resource allocation and scheduling for the CELL BE platform	Yes	[111]	2011	Annals of Operations Research	27	18	16	1439	1890
BonfiettiLBM11 BonfiettiLBM11	A. Bonfietti, M. Lombardi, L. Benini, M. Milano	A Constraint Based Approach to Cyclic RCPSP	Yes	[131]	2011	CP 2011	15	3	14	412	883
LombardiBMB11 LombardiBMB11	M. Lombardi, A. Bonfietti, M. Milano, L. Benini	Precedence Constraint Posting for Cyclic Scheduling Problems	Yes	[484]	2011	CPAIOR 2011	17	1	13	565	892
Milano11 Milano11	M. Milano	Constraint Programming Links with Math Programming	No	[533]	2011	Wiley Encyclopedia of Operations Research and Management Science	null	0	28	No	n/a
LombardiM10 LombardiM10	M. Lombardi, M. Milano	Constraint Based Scheduling to Deal with Uncertain Durations and Self-Timed Execution	Yes	[487]	2010	CP 2010	15	1	11	567	903
LombardiM10a LombardiM10a	M. Lombardi, M. Milano	Allocation and scheduling of Conditional Task Graphs	Yes	[486]	2010	Artificial Intelligence	30	8	24	1544	1909
LombardiMRB10 LombardiMRB10	M. Lombardi, M. Milano, M. Ruggiero, L. Benini	Stochastic allocation and scheduling for conditional task graphs in multi-processor systems-on-chip	Yes	[492]	2010	Journal of Scheduling	31	24	41	1548	1910

Table 26: Works from bibtex (Total 34)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
LombardiM09	M. Lombardi, M. Milano	A Precedence Constraint Posting Approach for the RCPSP with Time Lags and Variable Durations	Yes	[485]	2009	CP 2009	15	7	12	566	913
LombardiM09 MilanoW09 MilanoW09	M. Milano, Mark G. Wallace	Integrating Operations Research in Constraint Programming	Yes	[536]	2009	Annals of Operations Research	40	34	46	1565	1923
RuggieroBBMA09 RuggieroBBMA09	M. Ruggiero, D. Bertozzi, L. Benini, M. Milano, A. Andrei	Reducing the Abstraction and Optimality Gaps in the Allocation and Scheduling for Variable Voltage/Frequency MPSoC Platforms	Yes	[644]	2009	IEEE Trans. Comput. Aided Des. Integr. Circuits Syst.	14	9	27	1609	1925
BeniniLMMR08 BeniniLMMR08	L. Benini, M. Lombardi, M. Mantovani, M. Milano, M. Ruggiero	Multi-stage Benders Decomposition for Optimizing Multicore Architectures	Yes	[109]	2008	CPAIOR 2008	15	12	13	401	925
BeniniLMR08 BeniniLMR08	L. Benini, M. Lombardi, M. Milano, M. Ruggiero	A Constraint Programming Approach for Allocation and Scheduling on the CELL Broadband Engine	Yes	[110]	2008	CP 2008	15	7	23	402	926
BeniniBGM06 BeniniBGM06	L. Benini, D. Bertozzi, A. Guerri, M. Milano	Allocation, Scheduling and Voltage Scaling on Energy Aware MPSoCs	Yes	[108]	2006	CPAIOR 2006	15	18	10	400	948
MilanoW06 MilanoW06	M. Milano, Mark G. Wallace	Integrating operations research in constraint programming	Yes	[535]	2006	4OR	45	18	46	1564	1949
BeniniBGM05 BeniniBGM05	L. Benini, D. Bertozzi, A. Guerri, M. Milano	Allocation and Scheduling for MPSoCs via Decomposition and No-Good Generation	Yes	[107]	2005	CP 2005	15	25	21	399	958
MilanoORT02 MilanoORT02	M. Milano, G. Ottosson, P. Refalo, Erlendur S. Thorsteinsson	The Role of Integer Programming Techniques in Constraint Programming's Global Constraints	No	[534]	2002	INFORMS Journal on Computing	null	14	31	No	1969
BosiM2001 BosiM2001	F. Bosi, M. Milano	Enhancing CLP branch and bound techniques for scheduling problems	No	[142]	2001	Software: Practice and Experience	null	3	12	No	1972
LammaMM97 LammaMM97	E. Lamma, P. Mello, M. Milano	A distributed constraint-based scheduler	Yes	[459]	1997	Artif. Intell. Eng.	15	11	7	1539	2007
BrusoniCLMMT96 BrusoniCLMMT96	V. Brusoni, L. Console, E. Lamma, P. Mello, M. Milano, P. Terenziani	Resource-Based vs. Task-Based Approaches for Scheduling Problems	Yes	[154]	1996	ISMIS 1996	10	1	9	423	1033

D.3 27 Works by Michele Lombardi

Table 27: Works from bibtex (Total 27)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
BorghesiBLMB18	A. Borghesi, A. Bartolini, M. Lombardi, M. Milano, L. Benini	Scheduling-based power capping in high performance computing systems	Yes	[141]	2018	Sustain. Comput. Informatics Syst.	13	11	22	1448	1798
BorghesiBLMB18											
CauwelaertLS18	Sascha Van Cauwelaert, M. Lombardi, P. Schaus	How efficient is a global constraint in practice? - A fair experimental framework	Yes	[178]	2018	Constraints An Int. J.	36	2	39	1455	1800
CauwelaertLS18											
BonfiettiZLM16	A. Bonfietti, A. Zanarini, M. Lombardi, M. Milano	The Multirate Resource Constraint	Yes	[137]	2016	CP 2016	17	0	11	417	799
BonfiettiZLM16											
BridiBLMB16	T. Bridi, A. Bartolini, M. Lombardi, M. Milano, L. Benini	A Constraint Programming Scheduler for Heterogeneous High-Performance Computing Machines	Yes	[150]	2016	IEEE Trans. Parallel Distributed Syst.	14	17	22	1450	1829
BridiBLMB16											
BridiLBBM16	T. Bridi, M. Lombardi, A. Bartolini, L. Benini, M. Milano	DARDIS: Distributed And Randomized Dispatching and Scheduling	Yes	[151]	2016	ECAI 2016	2	0	0	422	801
BridiLBBM16											
CauwelaertLS15	Sascha Van Cauwelaert, M. Lombardi, P. Schaus	Understanding the Potential of Propagators	Yes	[177]	2015	CPAIOR 2015	10	12	0	433	821
CauwelaertLS15											
LombardiBM15	M. Lombardi, A. Bonfietti, M. Milano	Deterministic Estimation of the Expected Makespan of a POS Under Duration Uncertainty	Yes	[483]	2015	CP 2015	16	0	8	564	829
LombardiBM15											
BartoliniBBLM14	A. Bartolini, A. Borghesi, T. Bridi, M. Lombardi, M. Milano	Proactive Workload Dispatching on the EURORA Supercomputer	Yes	[73]	2014	CP 2014	16	12	3	384	838
BartoliniBBLM14											
BonfiettiLBM14	A. Bonfietti, M. Lombardi, L. Benini, M. Milano	CROSS cyclic resource-constrained scheduling solver	Yes	[133]	2014	Artificial Intelligence CPAIOR 2014	28	8	15	1447	1857
BonfiettiLBM14											
BonfiettiLM14	A. Bonfietti, M. Lombardi, M. Milano	Disregarding Duration Uncertainty in Partial Order Schedules? Yes, We Can!	Yes	[135]	2014	CPAIOR 2014	16	3	12	415	841
BonfiettiLM14											
BonfiettiLM13	A. Bonfietti, M. Lombardi, M. Milano	De-Cycling Cyclic Scheduling Problems	Yes	[134]	2013	ICAPS 2013	5	1	0	414	852
BonfiettiLM13											
LombardiIM13	M. Lombardi, M. Milano	A Min-Flow Algorithm for Minimal Critical Set Detection in Resource Constrained Project Scheduling	Yes	[490]	2013	ICAPS 2013	2	3	13	568	860
LombardiIM13											
LombardiMB13	M. Lombardi, M. Milano, L. Benini	Robust Scheduling of Task Graphs under Execution Time Uncertainty	Yes	[491]	2013	IEEE Transactions on Computers	14	28	29	1547	1870
LombardiMB13											
BonfiettiLBM12	A. Bonfietti, M. Lombardi, L. Benini, M. Milano	Global Cyclic Cumulative Constraint	Yes	[132]	2012	CPAIOR 2012	16	2	11	413	868
BonfiettiLBM12											
LombardiM12	M. Lombardi, M. Milano	Optimal methods for resource allocation and scheduling: a cross-disciplinary survey	Yes	[489]	2012	Constraints An Int. J.	35	39	68	1545	1878
LombardiM12											
LombardiM12a	M. Lombardi, M. Milano	A min-flow algorithm for Minimal Critical Set detection in Resource Constrained Project Scheduling	Yes	[488]	2012	Artificial Intelligence	10	3	13	1546	1879
LombardiM12a											
BeniniLMR11	L. Benini, M. Lombardi, M. Milano, M. Ruggiero	Optimal resource allocation and scheduling for the CELL BE platform	Yes	[111]	2011	Annals of Operations Research	27	18	16	1439	1890
BeniniLMR11											
BonfiettiLBM11	A. Bonfietti, M. Lombardi, L. Benini, M. Milano	A Constraint Based Approach to Cyclic RCPSP	Yes	[131]	2011	CP 2011	15	3	14	412	883
BonfiettiLBM11											
LombardiBMB11	M. Lombardi, A. Bonfietti, M. Milano, L. Benini	Precedence Constraint Posting for Cyclic Scheduling Problems	Yes	[484]	2011	CPAIOR 2011	17	1	13	565	892
LombardiBMB11											
Lombardi10	M. Lombardi	Hybrid Methods for Resource Allocation and Scheduling Problems in Deterministic and Stochastic Environments	Yes	[482]	2010	University of Bologna, Italy	175	0	0	3217	n/a
Lombardi10											
LombardiM10	M. Lombardi, M. Milano	Constraint Based Scheduling to Deal with Uncertain Durations and Self-Timed Execution	Yes	[487]	2010	CP 2010	15	1	11	567	903
LombardiM10											
LombardiM10a	M. Lombardi, M. Milano	Allocation and scheduling of Conditional Task Graphs	Yes	[486]	2010	Artificial Intelligence	30	8	24	1544	1909
LombardiM10a											
LombardiMRB10	M. Lombardi, M. Milano, M. Ruggiero, L. Benini	Stochastic allocation and scheduling for conditional task graphs in multi-processor systems-on-chip	Yes	[492]	2010	Journal of Scheduling	31	24	41	1548	1910
LombardiMRB10											

Table 27: Works from bibtex (Total 27)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
LombardiM09	M. Lombardi, M. Milano	A Precedence Constraint Posting Approach for the	Yes	[485]	2009	CP 2009	15	7	12	566	913
LombardiM09		RCPSP with Time Lags and Variable Durations									
BeniniLMMR08	L. Benini, M. Lombardi, M. Mantovani, M.	Multi-stage Benders Decomposition for Optimizing	Yes	[109]	2008	CPAIOR 2008	15	12	13	401	925
BeniniLMMR08	Milano, M. Ruggiero	Multicore Architectures									
BeniniLMR08	L. Benini, M. Lombardi, M. Milano, M. Ruggiero	A Constraint Programming Approach for Allocation	Yes	[110]	2008	CP 2008	15	7	23	402	926
BeniniLMR08		and Scheduling on the CELL Broadband Engine									
HoeveGSL07	Willem-Jan van Hoeve, Carla P. Gomes, B.	Optimal Multi-Agent Scheduling with Constraint	Yes	[736]	2007	AAAI 2007	6	0	0	515	939
HoeveGSL07	Selman, M. Lombardi	Programming									

D.4 27 Works by Andreas Schutt

Table 28: Works from bibtex (Total 27)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
YangSS19 YangSS19	M. Yang, A. Schutt, Peter J. Stuckey	Time Table Edge Finding with Energy Variables	Yes	[773]	2019	CPAIOR 2019	10	1	14	685	767
GoldwaserS18 GoldwaserS18	A. Goldwaser, A. Schutt	Optimal Torpedo Scheduling	Yes	[310]	2018	J. Artif. Intell. Res.	32	8	0	1485	1804
KreterSSZ18 KreterSSZ18	S. Kreter, A. Schutt, Peter J. Stuckey, J. Zimmermann	Mixed-integer linear programming and constraint programming formulations for solving resource availability cost problems	Yes	[444]	2018	European Journal of Operational Research	15	25	31	1532	1808
MusliuSS18 MusliuSS18	N. Musliu, A. Schutt, Peter J. Stuckey	Solver Independent Rotating Workforce Scheduling	Yes	[551]	2018	CPAIOR 2018	17	7	23	591	778
GoldwaserS17 GoldwaserS17	A. Goldwaser, A. Schutt	Optimal Torpedo Scheduling	Yes	[309]	2017	CP 2017	16	0	10	491	789
KreterSS17 KreterSS17	S. Kreter, A. Schutt, Peter J. Stuckey	Using constraint programming for solving RCPSP/max-cal	Yes	[443]	2017	Constraints An Int. J.	31	15	20	1531	1820
YoungFS17 YoungFS17	Kenneth D. Young, T. Feydy, A. Schutt	Constraint Programming Applied to the Multi-Skill Project Scheduling Problem	Yes	[775]	2017	CP 2017	10	6	21	686	797
SchuttS16 SchuttS16	A. Schutt, Peter J. Stuckey	Explaining Producer/Consumer Constraints	Yes	[664]	2016	CP 2016	17	3	23	627	813
SzerediS16 SzerediS16	R. Szeredi, A. Schutt	Modelling and Solving Multi-mode Resource-Constrained Project Scheduling	Yes	[693]	2016	CP 2016	10	9	14	641	814
EvenSH15 EvenSH15	C. Even, A. Schutt, Pascal Van Hentenryck	A Constraint Programming Approach for Non-preemptive Evacuation Scheduling	Yes	[250]	2015	CP 2015	18	3	12	462	823
EvenSH15a EvenSH15a	C. Even, A. Schutt, Pascal Van Hentenryck	A Constraint Programming Approach for Non-Preemptive Evacuation Scheduling	Yes	[251]	2015	CoRR	16	0	0	1470	1844
KreterSS15 KreterSS15	S. Kreter, A. Schutt, Peter J. Stuckey	Modeling and Solving Project Scheduling with Calendars	Yes	[442]	2015	CP 2015	17	7	16	544	827
SchuttFSW15 SchuttFSW15	A. Schutt, T. Feydy, Peter J. Stuckey, Mark G. Wallace	A Satisfiability Solving Approach	No	[663]	2015	Handbook on Project Management and Scheduling Vol.1	26	3	28	No	n/a
GuSSWC14 GuSSWC14	H. Gu, A. Schutt, Peter J. Stuckey, Mark G. Wallace, G. Chu	Exact and Heuristic Methods for the Resource-Constrained Net Present Value Problem	No	[328]	2014	Handbook on Project Management and Scheduling Vol.1	null	5	35	No	n/a
ThiruvadyWGS14 ThiruvadyWGS14	Dhananjay R. Thiruvady, Mark G. Wallace, H. Gu, A. Schutt	A Lagrangian relaxation and ACO hybrid for resource constrained project scheduling with discounted cash flows	Yes	[710]	2014	J. Heuristics	34	19	18	1630	1864
ChuGNSW13 ChuGNSW13	G. Chu, S. Gaspers, N. Narodytska, A. Schutt, T. Walsh	On the Complexity of Global Scheduling Constraints under Structural Restrictions	Yes	[184]	2013	IJCAI 2013	7	0	0	436	853
GuSS13 GuSS13	H. Gu, A. Schutt, Peter J. Stuckey	A Lagrangian Relaxation Based Forward-Backward Improvement Heuristic for Maximising the Net Present Value of Resource-Constrained Projects	Yes	[327]	2013	CPAIOR 2013	7	10	24	500	855
SchuttFS13 SchuttFS13	A. Schutt, T. Feydy, Peter J. Stuckey	Scheduling Optional Tasks with Explanation	Yes	[658]	2013	CP 2013	17	10	20	624	863
SchuttFS13a SchuttFS13a	A. Schutt, T. Feydy, Peter J. Stuckey	Explaining Time-Table-Edge-Finding Propagation for the Cumulative Resource Constraint	Yes	[657]	2013	CPAIOR 2013	17	20	27	625	864
SchuttFSW13 SchuttFSW13	A. Schutt, T. Feydy, Peter J. Stuckey, Mark G. Wallace	Solving RCPSP/max by lazy clause generation	Yes	[662]	2013	Journal of Scheduling	17	43	23	1617	1873
SchuttCSW12 SchuttCSW12	A. Schutt, G. Chu, Peter J. Stuckey, Mark G. Wallace	Maximising the Net Present Value for Resource-Constrained Project Scheduling	Yes	[656]	2012	CPAIOR 2012	17	18	21	623	876
Schutt11 Schutt11	A. Schutt	Improving Scheduling by Learning	Yes	[655]	2011	University of Melbourne, Australia	209	0	0	3223	n/a
SchuttFSW11 SchuttFSW11	A. Schutt, T. Feydy, Peter J. Stuckey, Mark G. Wallace	Explaining the cumulative propagator	Yes	[661]	2011	Constraints An Int. J.	33	57	23	1616	1901

Table 28: Works from bibtex (Total 27)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
SchuttW10 SchuttW10	A. Schutt, A. Wolf	A New $O(n^2 \log n)$ Not-First/Not-Last Pruning Algorithm for Cumulative Resource Constraints	Yes	[665]	2010	CP 2010	15	13	14	628	905
abs-1009-0347 abs-1009-0347	A. Schutt, T. Feydy, Peter J. Stuckey, Mark G. Wallace	Solving the Resource Constrained Project Scheduling Problem with Generalized Precedences by Lazy Clause Generation	Yes	[660]	2010	CoRR	37	0	0	1660	1917
SchuttFSW09 SchuttFSW09	A. Schutt, T. Feydy, Peter J. Stuckey, Mark G. Wallace	Why Cumulative Decomposition Is Not as Bad as It Sounds	Yes	[659]	2009	CP 2009	16	34	11	626	917
SchuttWS05 SchuttWS05	A. Schutt, A. Wolf, G. Schrader	Not-First and Not-Last Detection for Cumulative Scheduling in $O(n^3 \log n)$	Yes	[666]	2005	INAP 2005	15	6	4	629	973

D.5 25 Works by Peter J. Stuckey

Table 29: Works from bibtex (Total 25)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
GokGSTO20	Yagmur S. Gök, D. Guimarães, Peter J. Stuckey, M. Tomasella, C. Öztürk	Robust Resource Planning for Aircraft Ground Operations	Yes	[306]	2020	CPAIOR 2020	17	2	14	490	744
GokGSTO20	Stuckey, M. Tomasella, C. Öztürk	Time Table Edge Finding with Energy Variables	Yes	[773]	2019	CPAIOR 2019	10	1	14	685	767
YangSS19 YangSS19	M. Yang, A. Schutt, Peter J. Stuckey	Constraint Programming for High School Timetabling: A Scheduling-Based Model with Hot Starts	Yes	[218]	2018	CPAIOR 2018	18	4	16	449	773
DemirovicS18	E. Demirovic, Peter J. Stuckey	Mixed-integer linear programming and constraint programming formulations for solving resource availability cost problems	Yes	[444]	2018	European Journal of Operational Research	15	25	31	1532	1808
KreterSSZ18	S. Kreter, A. Schutt, Peter J. Stuckey, J. Zimmermann	Solver Independent Rotating Workforce Scheduling	Yes	[551]	2018	CPAIOR 2018	17	7	23	591	778
KreterSS17 KreterSS17	S. Kreter, A. Schutt, Peter J. Stuckey	Using constraint programming for solving RCPSP/max-cal	Yes	[443]	2017	Constraints An Int. J. Manag. Sci.	31	15	20	1531	1820
BlomPS16 BlomPS16	Michelle L. Blom, Adrian R. Pearce, Peter J. Stuckey	A Decomposition-Based Algorithm for the Scheduling of Open-Pit Networks Over Multiple Time Periods	Yes	[122]	2016	CP 2016	26	20	36	1444	1826
SchuttS16 SchuttS16	A. Schutt, Peter J. Stuckey	Explaining Producer/Consumer Constraints	Yes	[664]	2016	CP 2016	17	3	23	627	813
BurtLPS15 BurtLPS15	Christina N. Burt, N. Lipovetzky, Adrian R. Pearce, Peter J. Stuckey	Scheduling with Fixed Maintenance, Shared Resources and Nonlinear Feedrate Constraints: A Mine Planning Case Study	Yes	[156]	2015	CPAIOR 2015	17	0	8	424	820
KreterSS15 KreterSS15	S. Kreter, A. Schutt, Peter J. Stuckey	Modeling and Solving Project Scheduling with Calendars	Yes	[442]	2015	CP 2015	17	7	16	544	827
SchuttFSW15	A. Schutt, T. Feydy, Peter J. Stuckey, Mark G. Wallace	A Satisfiability Solving Approach	No	[663]	2015	Handbook on Project Management and Scheduling Vol.1	26	3	28	No	n/a
BlomBPS14	Michelle L. Blom, Christina N. Burt, Adrian R. Pearce, Peter J. Stuckey	A Decomposition-Based Heuristic for Collaborative Scheduling in a Network of Open-Pit Mines	Yes	[121]	2014	INFORMS Journal on Computing	19	15	47	1443	1856
BlomBPS14	Pearce, Peter J. Stuckey	Exact and Heuristic Methods for the Resource-Constrained Net Present Value Problem	No	[328]	2014	Handbook on Project Management and Scheduling Vol.1	null	5	35	No	n/a
GuSSWC14 GuSSWC14	H. Gu, A. Schutt, Peter J. Stuckey, Mark G. Wallace, G. Chu	Planning for Mining Operations with Time and Resource Constraints	Yes	[476]	2014	ICAPS 2014	9	5	0	560	850
LipovetzkyBPS14	N. Lipovetzky, Christina N. Burt, Adrian R. Pearce, Peter J. Stuckey	A Lagrangian Relaxation Based Forward-Backward Improvement Heuristic for Maximising the Net Present Value of Resource-Constrained Projects	Yes	[327]	2013	CPAIOR 2013	7	10	24	500	855
GuSS13 GuSS13	H. Gu, A. Schutt, Peter J. Stuckey	Scheduling Optional Tasks with Explanation	Yes	[658]	2013	CP 2013	17	10	20	624	863
SchuttFS13 SchuttFS13	A. Schutt, T. Feydy, Peter J. Stuckey	Explaining Time-Table-Edge-Finding Propagation for the Cumulative Resource Constraint	Yes	[657]	2013	CPAIOR 2013	17	20	27	625	864
SchuttFS13a	A. Schutt, T. Feydy, Peter J. Stuckey	Solving RCPSP/max by lazy clause generation	Yes	[662]	2013	Journal of Scheduling	17	43	23	1617	1873
SchuttFS13a	Wallace	Maximising the Net Present Value of Large Resource-Constrained Projects	Yes	[329]	2012	CP 2012	15	5	20	501	870
SchuttFSW13	A. Schutt, T. Feydy, Peter J. Stuckey, Mark G. Wallace	Maximising the Net Present Value for Resource-Constrained Project Scheduling	Yes	[656]	2012	CPAIOR 2012	17	18	21	623	876
SchuttFSW13	Wallace	Solving Talent Scheduling with Dynamic Programming	Yes	[211]	2011	INFORMS Journal on Computing	18	24	17	1420	1886
GuSW12 GuSW12	H. Gu, Peter J. Stuckey, Mark G. Wallace	Explaining the cumulative propagator	Yes	[661]	2011	Constraints An Int. J.	33	57	23	1616	1901
SchuttCSW12	A. Schutt, G. Chu, Peter J. Stuckey, Mark G. Wallace										
SchuttCSW12	Wallace										
BandaSC11 BandaSC11	Maria Garcia de la Banda, Peter J. Stuckey, G. Chu										
SchuttFSW11	A. Schutt, T. Feydy, Peter J. Stuckey, Mark G. Wallace										
SchuttFSW11	Wallace										

Table 29: Works from bibtex (Total 25)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
abs-1009-0347 abs-1009-0347	A. Schutt, T. Feydy, Peter J. Stuckey, Mark G. Wallace	Solving the Resource Constrained Project Scheduling Problem with Generalized Precedences by Lazy Clause Generation	Yes	[660]	2010	CoRR	37	0	0	1660	1917
OhrimenkoSC09 OhrimenkoSC09	O. Ohrimenko, Peter J. Stuckey, M. Codish	Propagation via lazy clause generation	Yes	[581]	2009	Constraints An Int. J.	35	127	15	1587	1924
SchuttFSW09 SchuttFSW09	A. Schutt, T. Feydy, Peter J. Stuckey, Mark G. Wallace	Why Cumulative Decomposition Is Not as Bad as It Sounds	Yes	[659]	2009	CP 2009	16	34	11	626	917

D.6 22 Works by John N. Hooker

Table 30: Works from bibtex (Total 22)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
ElciOH22 ElciOH22	Özgün Elçi, John N. Hooker	Stochastic Planning and Scheduling with Logic-Based Benders Decomposition	Yes	[239]	2022	INFORMS Journal on Computing	21	2	34	1466	1711
Hooker19 Hooker19	John N. Hooker	Logic-Based Benders Decomposition for Large-Scale Optimization	Yes	[389]	2019	Large Scale Optimization in Supply Chains and Smart Manufacturing	26	8	0	3251	n/a
Hooker17 Hooker17	John N. Hooker	Job Sequencing Bounds from Decision Diagrams	Yes	[388]	2017	CP 2017	14	6	24	519	790
HookerH17 HookerH17	John N. Hooker, Willem-Jan van Hoeve	Constraint programming and operations research	Yes	[391]	2017	Constraints An Int. J.	24	12	189	1511	1819
CireCH16 CireCH16	André A. Ciré, E. Coban, John N. Hooker	Logic-based Benders decomposition for planning and scheduling: a computational analysis	Yes	[187]	2016	The Knowledge Engineering Review	12	15	21	1457	1830
HechingH16 HechingH16	Aliza R. Heching, John N. Hooker	Scheduling Home Hospice Care with Logic-Based Benders Decomposition	Yes	[357]	2016	CPAIOR 2016	11	10	0	506	808
HarjunkoskiMBC14 HarjunkoskiMBC14	I. Harjunkoski, Christos T. Maravelias, P. Bongers, Pedro M. Castro, S. Engell, Ignacio E. Grossmann, John N. Hooker, C. Méndez, G. Sand, J. Wassick	Scope for industrial applications of production scheduling models and solution methods	Yes	[347]	2014	Computers Chemical Engineering	33	381	176	1500	1859
CireCH13 CireCH13	André A. Ciré, E. Coban, John N. Hooker	Mixed Integer Programming vs. Logic-Based Benders Decomposition for Planning and Scheduling	Yes	[186]	2013	CPAIOR 2013	7	3	23	438	854
CobanH11 CobanH11	E. Coban, John N. Hooker	Single-facility scheduling by logic-based Benders decomposition	Yes	[191]	2011	Annals of Operations Research	28	14	37	1458	1891
CobanH10 CobanH10	E. Coban, John N. Hooker	Single-Facility Scheduling over Long Time Horizons by Logic-Based Benders Decomposition	Yes	[190]	2010	CPAIOR 2010	5	9	9	440	900
Hooker10 Hooker10	John N. Hooker	Hybrid Modeling	No	[387]	2010	Hybrid Optimization	null	9	39	No	n/a
Hooker07 Hooker07	John N. Hooker	Planning and Scheduling by Logic-Based Benders Decomposition	Yes	[386]	2007	Operations Research	29	181	19	1510	1941
Hooker06 Hooker06	John N. Hooker	An Integrated Method for Planning and Scheduling to Minimize Tardiness	Yes	[384]	2006	Constraints An Int. J.	19	19	13	1509	1947
Hooker06a Hooker06a	John N. Hooker	Operations Research Methods in Constraint Programming	No	[385]	2006	Foundations of Artificial Intelligence	null	11	44	No	n/a
Hooker05 Hooker05	John N. Hooker	A Hybrid Method for the Planning and Scheduling	Yes	[381]	2005	Constraints An Int. J.	17	68	11	1508	1953
Hooker05a Hooker05a	John N. Hooker	Planning and Scheduling to Minimize Tardiness	Yes	[382]	2005	CP 2005	14	30	10	517	968
Hooker05b Hooker05b	John N. Hooker	A Search-Infer-and-Relax Framework for Integrating Solution Methods	Yes	[383]	2005	CPAIOR 2005	15	7	19	518	969
Hooker04 Hooker04	John N. Hooker	A Hybrid Method for Planning and Scheduling	Yes	[380]	2004	CP 2004	12	39	9	516	982
HookerO03 HookerO03	John N. Hooker, G. Ottosson	Logic-based Benders decomposition	Yes	[390]	2003	Mathematical Programming	28	317	0	1512	1960
Hooker02 Hooker02	John N. Hooker	Logic, Optimization, and Constraint Programming	No	[379]	2002	INFORMS Journal on Computing	null	94	84	No	1966
HookerY02 HookerY02	John N. Hooker, H. Yan	A Relaxation of the Cumulative Constraint	Yes	[392]	2002	CP 2002	5	8	7	520	1007
Hooker00 Hooker00	John N. Hooker	Logic Based Methods for Optimization: Combining Optimization and Constraint Satisfaction	No	[378]	2000	Book	null	185	0	No	n/a

D.7 21 Works by Mark G. Wallace

Table 31: Works from bibtex (Total 21)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
WallaceY20 WallaceY20	Mark G. Wallace, N. Yorke-Smith	A new constraint programming model and solving for the cyclic hoist scheduling problem	Yes	[754]	2020	Constraints An Int. J.	19	5	18	1642	1773
He0GLW18 He0GLW18	S. He, Mark G. Wallace, G. Gange, A. Liebman, C. Wilson	A Fast and Scalable Algorithm for Scheduling Large Numbers of Devices Under Real-Time Pricing	Yes	[352]	2018	CP 2018	18	6	26	503	774
SchuttFSW15 SchuttFSW15	A. Schutt, T. Feydy, Peter J. Stuckey, Mark G. Wallace	A Satisfiability Solving Approach	No	[663]	2015	Handbook on Project Management and Scheduling Vol.1	26	3	28	No	n/a
GuSSWC14 GuSSWC14	H. Gu, A. Schutt, Peter J. Stuckey, Mark G. Wallace, G. Chu	Exact and Heuristic Methods for the Resource-Constrained Net Present Value Problem	No	[328]	2014	Handbook on Project Management and Scheduling Vol.1	null	5	35	No	n/a
ThiruvadyWGS14 ThiruvadyWGS14	Dhananjay R. Thiruvady, Mark G. Wallace, H. Gu, A. Schutt	A Lagrangian relaxation and ACO hybrid for resource constrained project scheduling with discounted cash flows	Yes	[710]	2014	J. Heuristics	34	19	18	1630	1864
SchuttFSW13 SchuttFSW13	A. Schutt, T. Feydy, Peter J. Stuckey, Mark G. Wallace	Solving RCPSP/max by lazy clause generation	Yes	[662]	2013	Journal of Scheduling	17	43	23	1617	1873
GuSW12 GuSW12	H. Gu, Peter J. Stuckey, Mark G. Wallace	Maximising the Net Present Value of Large Resource-Constrained Projects	Yes	[329]	2012	CP 2012	15	5	20	501	870
SchuttCSW12 SchuttCSW12	A. Schutt, G. Chu, Peter J. Stuckey, Mark G. Wallace	Maximising the Net Present Value for Resource-Constrained Project Scheduling	Yes	[656]	2012	CPAIOR 2012	17	18	21	623	876
SchuttFSW11 SchuttFSW11	A. Schutt, T. Feydy, Peter J. Stuckey, Mark G. Wallace	Explaining the cumulative propagator	Yes	[661]	2011	Constraints An Int. J.	33	57	23	1616	1901
abs-1009-0347 abs-1009-0347	A. Schutt, T. Feydy, Peter J. Stuckey, Mark G. Wallace	Solving the Resource Constrained Project Scheduling Problem with Generalized Precedences by Lazy Clause Generation	Yes	[660]	2010	CoRR	37	0	0	1660	1917
MilanoW09 MilanoW09	M. Milano, Mark G. Wallace	Integrating Operations Research in Constraint Programming	Yes	[536]	2009	Annals of Operations Research	40	34	46	1565	1923
SchuttFSW09 SchuttFSW09	A. Schutt, T. Feydy, Peter J. Stuckey, Mark G. Wallace	Why Cumulative Decomposition Is Not as Bad as It Sounds	Yes	[659]	2009	CP 2009	16	34	11	626	917
MilanoW06 MilanoW06	M. Milano, Mark G. Wallace	Integrating operations research in constraint programming	Yes	[535]	2006	4OR	45	18	46	1564	1949
Wallace06 Wallace06	Mark G. Wallace	Hybrid Algorithms in Constraint Programming	Yes	[753]	2006	CSCLP 2006	32	1	35	672	954
AjiliW04 AjiliW04	F. Ajili, Mark G. Wallace	Hybrid Problem Solving in ECLiPSe	No	[15]	2004	Constraint and Integer Programming	null	4	24	No	n/a
EreminW01 EreminW01	A. Eremin, Mark G. Wallace	Hybrid Benders Decomposition Algorithms in Constraint Logic Programming	Yes	[245]	2001	CP 2001	15	27	7	460	1013
SakkoutW00 SakkoutW00	Hani El Sakkout, Mark G. Wallace	Probe Backtrack Search for Minimal Perturbation in Dynamic Scheduling	Yes	[649]	2000	Constraints An Int. J.	30	73	0	1612	1987
RodosekWH99 RodosekWH99	R. Rodosek, Mark G. Wallace, M. Hajian	A new approach to integrating mixed integer programming and constraint logic programming	No	[633]	1999	Annals of Operations Research	null	53	0	No	1997
RodosekW98 RodosekW98	R. Rodosek, Mark G. Wallace	A Generic Model and Hybrid Algorithm for Hoist Scheduling Problems	Yes	[632]	1998	CP 1998	15	19	10	617	1027
Wallace96 Wallace96	Mark G. Wallace	Practical Applications of Constraint Programming	Yes	[752]	1996	Constraints An Int. J.	30	87	55	1641	2014
Wallace94 Wallace94	Mark G. Wallace	Applying Constraints for Scheduling	No	[751]	1994	Constraint Programming 1994	19	0	0	No	1044

D.8 21 Works by Pierre Lopez

Table 32: Works from bibtex (Total 21)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
JuvinHHL23 JuvinHHL23 JuvinHL23 JuvinHL23	C. Juvin, E. Hebrard, L. Houssin, P. Lopez	An Efficient Constraint Programming Approach to Preemptive Job Shop Scheduling	Yes	[407]	2023	CP 2023	16	0	0	525	701
	C. Juvin, L. Houssin, P. Lopez	Constraint Programming for the Robust Two-Machine Flow-Shop Scheduling Problem with Budgeted Uncertainty	Yes	[409]	2023	CPAIOR 2023	16	0	11	526	702
JuvinHL23a JuvinHL23a	C. Juvin, L. Houssin, P. Lopez	Logic-based Benders decomposition for the preemptive flexible job-shop scheduling problem	Yes	[410]	2023	Computers Operations Research	17	0	40	1521	1690
HebrardALLCMR22 HebrardALLCMR22	E. Hebrard, C. Artigues, P. Lopez, A. Lussion, Steve A. Chien, A. Maillard, Gregg R. Rabideau	An Efficient Approach to Data Transfer Scheduling for Long Range Space Exploration	Yes	[353]	2022	IJCAI 2022	7	0	0	504	716
JuvinHL22 JuvinHL22	C. Juvin, L. Houssin, P. Lopez	Logic-Based Benders Decomposition for the Preemptive Flexible Job-Shop Scheduling Problem	Yes	[408]	2022	SSRN Electronic Journal	32	0	29	1520	1718
Polo-MejiaALB20 Polo-MejiaALB20	O. Polo-Mejía, C. Artigues, P. Lopez, V. Basini	Mixed-integer/linear and constraint programming approaches for activity scheduling in a nuclear research facility	Yes	[610]	2020	International Journal of Production Research	18	8	23	1600	1769
NattafHKAL19 NattafHKAL19	M. Nattaf, M. Horváth, T. Kis, C. Artigues, P. Lopez	Polyhedral results and valid inequalities for the continuous energy-constrained scheduling problem	Yes	[564]	2019	Discret. Appl. Math.	16	5	12	1578	1784
NattafAL17 NattafAL17	M. Nattaf, C. Artigues, P. Lopez	Cumulative scheduling with variable task profiles and concave piecewise linear processing rate functions	Yes	[561]	2017	Constraints An Int. J.	18	5	10	1575	1821
NattafALR16 NattafALR16	M. Nattaf, C. Artigues, P. Lopez, D. Rivreau	Energetic reasoning and mixed-integer linear programming for scheduling with a continuous resource and linear efficiency functions	Yes	[562]	2016	OR Spectr.	34	10	15	1576	1835
NattafAL15 NattafAL15	M. Nattaf, C. Artigues, P. Lopez	A hybrid exact method for a scheduling problem with a continuous resource and energy constraints	Yes	[560]	2015	Constraints An Int. J.	21	14	13	1574	1849
SimoninAHL15 SimoninAHL15	G. Simonin, C. Artigues, E. Hebrard, P. Lopez	Scheduling scientific experiments for comet exploration	Yes	[676]	2015	Constraints An Int. J.	23	4	5	1621	1853
ArtiguesL14 ArtiguesL14	C. Artigues, P. Lopez	Energetic reasoning for energy-constrained scheduling with a continuous resource	No	[40]	2014	Journal of Scheduling	null	11	19	No	1855
ArtiguesLH13 ArtiguesLH13	C. Artigues, P. Lopez, A. Haït	The energy scheduling problem: Industrial case-study and constraint propagation techniques	No	[41]	2013	International Journal of Production Economics	null	76	16	No	1865
BillautHL12 BillautHL12	J. Billaut, E. Hebrard, P. Lopez	Complete Characterization of Near-Optimal Sequences for the Two-Machine Flow Shop Scheduling Problem	Yes	[117]	2012	CPAIOR 2012	15	1	19	406	867
SimoninAHL12 SimoninAHL12	G. Simonin, C. Artigues, E. Hebrard, P. Lopez	Scheduling Scientific Experiments on the Rosetta/Philae Mission	Yes	[675]	2012	CP 2012	15	3	8	632	878
LahimerLH11 LahimerLH11	A. Lahimer, P. Lopez, M. Haouari	Climbing Depth-Bounded Adjacent Discrepancy Search for Solving Hybrid Flow Shop Scheduling Problems with Multiprocessor Tasks	Yes	[457]	2011	CPAIOR 2011	14	3	15	551	891
TrojetHL11 TrojetHL11	M. Trojet, F. H'Mida, P. Lopez	Project scheduling under resource constraints: Application of the cumulative global constraint in a decision support framework	Yes	[727]	2011	Computers Industrial Engineering	7	11	17	1637	1903
BriandHHL08 BriandHHL08	C. Briand, M. Huguet, Hoang Trung La, P. Lopez	Constraint-based Approaches for Robust Scheduling	No	[149]	2008	Flexibility and Robustness in Scheduling	null	1	22	No	n/a
EsquirolLH2008 EsquirolLH2008	P. Esquirol, P. Lopez, M. Huguet	Constraint Propagation and Scheduling	No	[248]	2008	Production Scheduling	null	0	28	No	n/a
LopezAKYG00 LopezAKYG00	P. Lopez, H. Alla, O. Korbaa, P. Yim, J. Gentina	Discussion on: 'Solving Transient Scheduling Problems with Constraint Programming' by O. Korbaa, P. Yim, and J.-C. Gentina	Yes	[494]	2000	Eur. J. Control	4	0	0	1550	1986

Table 32: Works from bibtex (Total 21)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
TorresL00 TorresL00	P. Torres, P. Lopez	On Not-First/Not-Last conditions in disjunctive scheduling	Yes	[716]	2000	European Journal of Operational Research	12	26	13	1633	1991

D.9 19 Works by Christian Artigues

Table 33: Works from bibtex (Total 19)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
PovedaAA23 PovedaAA23	G. Pováda, N. Álvarez, C. Artigues	Partially Preemptive Multi Skill/Mode Resource-Constrained Project Scheduling with Generalized Precedence Relations and Calendars	Yes	[613]	2023	CP 2023	21	0	0	608	707
HebrardALLCMR22 HebrardALLCMR22	E. Hebrard, C. Artigues, P. Lopez, A. Lussion, Steve A. Chien, A. Maillard, Gregg R. Rabideau	An Efficient Approach to Data Transfer Scheduling for Long Range Space Exploration	Yes	[353]	2022	IJCAI 2022	7	0	0	504	716
PohlAK22 PohlAK22	M. Pohl, C. Artigues, R. Kolisch	Solving the time-discrete winter runway scheduling problem: A column generation and constraint programming approach	Yes	[609]	2022	European Journal of Operational Research	16	4	31	1599	1726
ArtiguesHQT21 ArtiguesHQT21	C. Artigues, E. Hebrard, A. Quilliot, H. Toussaint	Multi-Mode RCPSP with Safety Margin Maximization: Models and Algorithms	Yes	[39]	2021	ICORES 2021	8	0	0	370	731
Polo-MejiaALB20 Polo-MejiaALB20	O. Polo-Mejía, C. Artigues, P. Lopez, V. Basini	Mixed-integer/linear and constraint programming approaches for activity scheduling in a nuclear research facility	Yes	[610]	2020	International Journal of Production Research	18	8	23	1600	1769
NattafHKAL19 NattafHKAL19	M. Nattaf, M. Horváth, T. Kis, C. Artigues, P. Lopez	Polyhedral results and valid inequalities for the continuous energy-constrained scheduling problem	Yes	[564]	2019	Discret. Appl. Math.	16	5	12	1578	1784
NattafAL17 NattafAL17	M. Nattaf, C. Artigues, P. Lopez	Cumulative scheduling with variable task profiles and concave piecewise linear processing rate functions	Yes	[561]	2017	Constraints An Int. J.	18	5	10	1575	1821
NattafALR16 NattafALR16	M. Nattaf, C. Artigues, P. Lopez, D. Rivreau	Energetic reasoning and mixed-integer linear programming for scheduling with a continuous resource and linear efficiency functions	Yes	[562]	2016	OR Spectr.	34	10	15	1576	1835
NattafAL15 NattafAL15	M. Nattaf, C. Artigues, P. Lopez	A hybrid exact method for a scheduling problem with a continuous resource and energy constraints	Yes	[560]	2015	Constraints An Int. J.	21	14	13	1574	1849
SialaAH15 SialaAH15	M. Siala, C. Artigues, E. Hebrard	Two Clause Learning Approaches for Disjunctive Scheduling	Yes	[674]	2015	CP 2015	10	4	17	631	834
SimoninAHL15 SimoninAHL15	G. Simonin, C. Artigues, E. Hebrard, P. Lopez	Scheduling scientific experiments for comet exploration	Yes	[676]	2015	Constraints An Int. J.	23	4	5	1621	1853
ArtiguesL14 ArtiguesL14	C. Artigues, P. Lopez	Energetic reasoning for energy-constrained scheduling with a continuous resource	No	[40]	2014	Journal of Scheduling	null	11	19	No	1855
ArtiguesLH13 ArtiguesLH13	C. Artigues, P. Lopez, A. Haït	The energy scheduling problem: Industrial case-study and constraint propagation techniques	No	[41]	2013	International Journal of Production Economics	null	76	16	No	1865
SimoninAHL12 SimoninAHL12	G. Simonin, C. Artigues, E. Hebrard, P. Lopez	Scheduling Scientific Experiments on the Rosetta/Philae Mission	Yes	[675]	2012	CP 2012	15	3	8	632	878
ArtiguesF07 ArtiguesF07	C. Artigues, D. Feillet	A branch and bound method for the job-shop problem with sequence-dependent setup times	Yes	[38]	2007	Annals of Operations Research	25	49	32	1414	1937
NeronABCDD06 NeronABCDD06	E. Néron, C. Artigues, P. Baptiste, J. Carlier, J. Damay, S. Demasse, P. Laborie	Lower Bounds for Resource Constrained Project Scheduling Problem	No	[579]	2006	Perspectives in Modern Project Scheduling	null	3	34	No	n/a
DemasseAM05 DemasseAM05	S. Demasse, C. Artigues, P. Michelon	Constraint-Propagation-Based Cutting Planes: An Application to the Resource-Constrained Project Scheduling Problem	Yes	[217]	2005	INFORMS Journal on Computing	18	43	25	1463	1952
ArtiguesBF04 ArtiguesBF04	C. Artigues, S. Belmokhtar, D. Feillet	A New Exact Solution Algorithm for the Job Shop Problem with Sequence-Dependent Setup Times	Yes	[36]	2004	CPAIOR 2004	13	16	9	369	978
ArtiguesR00 ArtiguesR00	C. Artigues, F. Roubellat	A polynomial activity insertion algorithm in a multi-resource schedule with cumulative constraints and multiple modes	Yes	[42]	2000	European Journal of Operational Research	20	84	3	1415	1976

D.10 17 Works by Emmanuel Hebrard

Table 34: Works from bibtex (Total 17)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
JuvinHHL23 JuvinHHL23	C. Juvin, E. Hebrard, L. Houssin, P. Lopez	An Efficient Constraint Programming Approach to Preemptive Job Shop Scheduling	Yes	[407]	2023	CP 2023	16	0	0	525	701
HebrardALLCMR22 HebrardALLCMR22	E. Hebrard, C. Artigues, P. Lopez, A. Lusson, Steve A. Chien, A. Maillard, Gregg R. Rabideau	An Efficient Approach to Data Transfer Scheduling for Long Range Space Exploration	Yes	[353]	2022	IJCAI 2022	7	0	0	504	716
AntuoriHHEN21 AntuoriHHEN21	V. Antuori, E. Hebrard, M. Huguet, S. Essodaigui, A. Nguyen	Combining Monte Carlo Tree Search and Depth First Search Methods for a Car Manufacturing Workshop Scheduling Problem	Yes	[26]	2021	CP 2021	16	0	0	364	729
ArtiguesHQT21 ArtiguesHQT21	C. Artigues, E. Hebrard, A. Quilliot, H. Toussaint	Multi-Mode RCPSP with Safety Margin Maximization: Models and Algorithms	Yes	[39]	2021	ICORES 2021	8	0	0	370	731
AntuoriHHEN20 AntuoriHHEN20	V. Antuori, E. Hebrard, M. Huguet, S. Essodaigui, A. Nguyen	Leveraging Reinforcement Learning, Constraint Programming and Local Search: A Case Study in Car Manufacturing	Yes	[25]	2020	CP 2020	16	3	8	363	741
GodetLHS20 GodetLHS20	A. Godet, X. Lorca, E. Hebrard, G. Simonin	Using Approximation within Constraint Programming to Solve the Parallel Machine Scheduling Problem with Additional Unit Resources	Yes	[304]	2020	AAAI 2020	8	1	0	489	743
HebrardHJMPV16 HebrardHJMPV16	E. Hebrard, M. Huguet, N. Jozefowicz, A. Maillard, C. Pralet, G. Verfaillie	Approximation of the parallel machine scheduling problem with additional unit resources	Yes	[354]	2016	Discret. Math. Appl.	10	9	8	1502	1833
GrimesH15 GrimesH15	D. Grimes, E. Hebrard	Solving Variants of the Job Shop Scheduling Problem Through Conflict-Directed Search	Yes	[319]	2015	INFORMS Journal on Computing	17	12	41	1488	1846
SialaAH15 SialaAH15	M. Siala, C. Artigues, E. Hebrard	Two Clause Learning Approaches for Disjunctive Scheduling	Yes	[674]	2015	CP 2015	10	4	17	631	834
SimoninAHL15 SimoninAHL15	G. Simonin, C. Artigues, E. Hebrard, P. Lopez	Scheduling scientific experiments for comet exploration	Yes	[676]	2015	Constraints An Int. J.	23	4	5	1621	1853
BessiereHMQW14 BessiereHMQW14	C. Bessiere, E. Hebrard, M. Ménard, C. Quimper, T. Walsh	Buffered Resource Constraint: Algorithms and Complexity	Yes	[115]	2014	CPAIOR 2014	16	1	3	405	839
BillautHL12 BillautHL12	J. Billaut, E. Hebrard, P. Lopez	Complete Characterization of Near-Optimal Sequences for the Two-Machine Flow Shop Scheduling Problem	Yes	[117]	2012	CPAIOR 2012	15	1	19	406	867
SimoninAHL12 SimoninAHL12	G. Simonin, C. Artigues, E. Hebrard, P. Lopez	Scheduling Scientific Experiments on the Rosetta/Philae Mission	Yes	[675]	2012	CP 2012	15	3	8	632	878
GrimesH11 GrimesH11	D. Grimes, E. Hebrard	Models and Strategies for Variants of the Job Shop Scheduling Problem	Yes	[318]	2011	CP 2011	17	5	18	495	887
GrimesH10 GrimesH10	D. Grimes, E. Hebrard	Job Shop Scheduling with Setup Times and Maximal Time-Lags: A Simple Constraint Programming Approach	Yes	[317]	2010	CPAIOR 2010	15	13	20	494	902
GrimesHM09 GrimesHM09	D. Grimes, E. Hebrard, A. Malapert	Closing the Open Shop: Contradicting Conventional Wisdom	Yes	[320]	2009	CP 2009	9	15	12	496	911
HebrardTW05 HebrardTW05	E. Hebrard, P. Tyler, T. Walsh	Computing Super-Schedules	Yes	[355]	2005	CP 2005	1	0	3	505	967

D.11 16 Works by Pierre Schaus

Table 35: Works from bibtex (Total 16)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
CauwelaertDS20 CauwelaertDS20	Sasha Van Cauwelaert, C. Dejemeppe, P. Schaus	An Efficient Filtering Algorithm for the Unary Resource Constraint with Transition Times and Optional Activities	Yes	[179]	2020	Journal of Scheduling	19	2	21	1454	1758
ThomasKS20 ThomasKS20	C. Thomas, R. Kameugne, P. Schaus	Insertion Sequence Variables for Hybrid Routing and Scheduling Problems	Yes	[711]	2020	CPAIOR 2020	18	0	16	650	750
HoundjiSW19 HoundjiSW19	Vinasétan Ratheil Houndji, P. Schaus, Laurence A. Wolsey	The item dependent stockingcost constraint	Yes	[393]	2019	Constraints An Int. J.	27	0	17	1513	1782
CappartTSR18 CappartTSR18	Q. Cappart, C. Thomas, P. Schaus, L. Rousseau	A Constraint Programming Approach for Solving Patient Transportation Problems	Yes	[164]	2018	CP 2018	17	6	31	428	772
CauwelaertLS18 CauwelaertLS18	Sascha Van Cauwelaert, M. Lombardi, P. Schaus	How efficient is a global constraint in practice? - A fair experimental framework	Yes	[178]	2018	Constraints An Int. J.	36	2	39	1455	1800
CappartS17 CappartS17	Q. Cappart, P. Schaus	Rescheduling Railway Traffic on Real Time Situations Using Time-Interval Variables	Yes	[163]	2017	CPAIOR 2017	16	2	28	427	786
CauwelaertDMS16 CauwelaertDMS16	Sascha Van Cauwelaert, C. Dejemeppe, J. Monette, P. Schaus	Efficient Filtering for the Unary Resource with Family-Based Transition Times	Yes	[176]	2016	CP 2016	16	1	12	432	803
CauwelaertLS15 CauwelaertLS15	Sascha Van Cauwelaert, M. Lombardi, P. Schaus	Understanding the Potential of Propagators	Yes	[177]	2015	CPAIOR 2015	10	12	0	433	821
DejemeppeCS15 DejemeppeCS15	C. Dejemeppe, Sascha Van Cauwelaert, P. Schaus	The Unary Resource with Transition Times	Yes	[214]	2015	CP 2015	16	5	11	447	822
GayHLS15 GayHLS15	S. Gay, R. Hartert, C. Lecoutre, P. Schaus	Conflict Ordering Search for Scheduling Problems	Yes	[284]	2015	CP 2015	9	20	15	476	824
GayHS15 GayHS15	S. Gay, R. Hartert, P. Schaus	Simple and Scalable Time-Table Filtering for the Cumulative Constraint	Yes	[285]	2015	CP 2015	9	10	9	477	825
GayHS15a GayHS15a	S. Gay, R. Hartert, P. Schaus	Time-Table Disjunctive Reasoning for the Cumulative Constraint	Yes	[286]	2015	CPAIOR 2015	16	5	12	478	826
GaySS14 GaySS14	S. Gay, P. Schaus, Vivian De Smedt	Continuous Casting Scheduling with Constraint Programming	Yes	[287]	2014	CP 2014	15	7	11	479	847
HoundjiSWD14 HoundjiSWD14	Vinasétan Ratheil Houndji, P. Schaus, Laurence A. Wolsey, Y. Deville	The StockingCost Constraint	Yes	[394]	2014	CP 2014	16	5	7	521	848
SchausHMCMD11 SchausHMCMD11	P. Schaus, Pascal Van Hentenryck, J. Monette, C. Coffrin, L. Michel, Y. Deville	Solving Steel Mill Slab Problems with constraint-based techniques: CP, LNS, and CBLS	Yes	[651]	2011	Constraints An Int. J.	23	14	5	1613	1900
SchausD08 SchausD08	P. Schaus, Y. Deville	A Global Constraint for Bin-Packing with Precedences: Application to the Assembly Line Balancing Problem	Yes	[650]	2008	AAAI 2008	6	0	0	622	933

D.12 16 Works by Helmut Simonis

Table 36: Works from bibtex (Total 16)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
ArmstrongGOS22	E. Armstrong, M. Garraffa, B. O'Sullivan, H. Simonis	A Two-Phase Hybrid Approach for the Hybrid Flexible Flowshop with Transportation Times	Yes	[33]	2022	CPAIOR 2022	13	0	14	367	713
ArmstrongGOS21	E. Armstrong, M. Garraffa, B. O'Sullivan, H. Simonis	The Hybrid Flexible Flowshop with Transportation Times	Yes	[32]	2021	CP 2021	18	1	0	366	730
AntunesABD20	M. Antunes, V. Armant, Kenneth N. Brown, Daniel A. Desmond, G. Escamocher, A. George, D. Grimes, M. O'Keeffe, Y. Lin, B. O'Sullivan, C. Öztürk, L. Quesada, M. Siala, H. Simonis, N. Wilson	Assigning and Scheduling Service Visits in a Mixed Urban/Rural Setting	Yes	[24]	2020	Int. J. Artif. Intell. Tools	31	0	16	1412	1752
AntunesABD18	M. Antunes, V. Armant, Kenneth N. Brown, Daniel A. Desmond, G. Escamocher, A. George, D. Grimes, M. O'Keeffe, Y. Lin, B. O'Sullivan, C. Öztürk, L. Quesada, M. Siala, H. Simonis, N. Wilson	Assigning and Scheduling Service Visits in a Mixed Urban/Rural Setting	Yes	[23]	2018	ICTAI 2018	8	1	24	362	768
HurleyOS16	B. Hurley, B. O'Sullivan, H. Simonis	ICON Loop Energy Show Case	Yes	[396]	2016	Data Mining and Constraint Programming - Foundations of a Cross-Disciplinary Approach	14	0	16	3252	n/a
GrimesIOS14	D. Grimes, G. Ifrim, B. O'Sullivan, H. Simonis	Analyzing the impact of electricity price forecasting on energy cost-aware scheduling	Yes	[321]	2014	Sustain. Comput. Informatics Syst.	16	6	7	1489	1858
IfrimOS12	G. Ifrim, B. O'Sullivan, H. Simonis	Properties of Energy-Price Forecasts for Scheduling	Yes	[397]	2012	CP 2012	16	6	20	522	872
SimonisH11	H. Simonis, T. Hadzic	A Resource Cost Aware Cumulative	Yes	[683]	2011	CSCLP 2011	14	3	9	637	893
Simonis07	H. Simonis	Models for Global Constraint Applications	Yes	[680]	2007	Constraints An Int. J.	30	10	17	1622	1944
SimonisCK00	H. Simonis, P. Charlier, P. Kay	Constraint Handling in an Integrated Transportation Problem	Yes	[681]	2000	IEEE Intell. Syst.	7	11	5	1623	1989
Simonis99	H. Simonis	Building Industrial Applications with Constraint Programming	Yes	[679]	1999	CCL'99 1999	39	5	18	635	1022
Simonis95	H. Simonis	The CHIP System and Its Applications	Yes	[678]	1995	CP 1995	4	7	3	633	1038
Simonis95a	H. Simonis	Application Development with the CHIP System	Yes	[677]	1995	CONTESSA 1995	21	1	12	634	1039
SimonisC95	H. Simonis, T. Cornelissens	Modelling Producer/Consumer Constraints	Yes	[682]	1995	CP 1995	14	17	8	636	1040
DincbasS91	M. Dincbas, H. Simonis	Apache-a constraint based, automated stand allocation system	Yes	[225]	1991	ASTAIR 1991	13	0	0	453	1046
DincbasSH90	M. Dincbas, H. Simonis, Pascal Van Hentenryck	Solving Large Combinatorial Problems in Logic Programming	Yes	[226]	1990	The Journal of Logic Programming	19	86	9	1464	2021

D.13 15 Works by Nicolas Beldiceanu

Table 37: Works from bibtex (Total 15)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
Madi-WambaLOBM17 Madi-WambaLOBM17 Madi-WambaB16 Madi-WambaB16	G. Madi-Wamba, Y. Li, A. Orgerie, N. Beldiceanu, J. Menaud G. Madi-Wamba, N. Beldiceanu	Green Energy Aware Scheduling Problem in Virtualized Datacenters The TaskIntersection Constraint	Yes	[507]	2017	ICPADS 2017	8	1	8	574	793
LetortCB15 LetortCB15	A. Letort, M. Carlsson, N. Beldiceanu	Synchronized sweep algorithms for scalable scheduling constraints	Yes	[467]	2015	Constraints An Int. J.	52	2	14	1540	1848
LetortCB13 LetortCB13	A. Letort, M. Carlsson, N. Beldiceanu	A Synchronized Sweep Algorithm for the <i>k-dimensional cumulative</i> Constraint	Yes	[466]	2013	CPAIOR 2013	16	3	10	554	859
LetortBC12 LetortBC12	A. Letort, N. Beldiceanu, M. Carlsson	A Scalable Sweep Algorithm for the cumulative Constraint	Yes	[465]	2012	CP 2012	16	18	12	553	873
BeldiceanuCDP11 BeldiceanuCDP11	N. Beldiceanu, M. Carlsson, S. Demasse, E. Poder	New filtering for the <i>cumulative</i> constraint in the context of non-overlapping rectangles	Yes	[98]	2011	Annals of Operations Research	24	8	8	1436	1889
ClercPB11 ClercPB11	Alexis De Clercq, T. Petit, N. Beldiceanu, N. Jussien	Filtering Algorithms for Discrete Cumulative Problems with Overloads of Resource	Yes	[189]	2011	CP 2011	16	3	11	439	885
BeldiceanuCP08 BeldiceanuCP08	N. Beldiceanu, M. Carlsson, E. Poder	New Filtering for the cumulative Constraint in the Context of Non-Overlapping Rectangles	Yes	[99]	2008	CPAIOR 2008	15	8	9	395	924
PoderB08 PoderB08	E. Poder, N. Beldiceanu	Filtering for a Continuous Multi-Resources cumulative Constraint with Resource Consumption and Production	Yes	[607]	2008	ICAPS 2008	8	0	0	606	932
BeldiceanuP07 BeldiceanuP07	N. Beldiceanu, E. Poder	A Continuous Multi-resources <i>cumulative</i> Constraint with Positive-Negative Resource Consumption-Production	Yes	[101]	2007	CPAIOR 2007	15	4	7	396	936
PoderBS04 PoderBS04	E. Poder, N. Beldiceanu, E. Sanlaville	Computing a lower approximation of the compulsory part of a task with varying duration and varying resource consumption	Yes	[608]	2004	European Journal of Operational Research	16	7	8	1598	1958
BeldiceanuC02 BeldiceanuC02	N. Beldiceanu, M. Carlsson	A New Multi-resource cumulatives Constraint with Negative Heights	Yes	[97]	2002	CP 2002	17	33	9	394	1003
BeldiceanuC01 BeldiceanuC01	N. Beldiceanu, M. Carlsson	Sweep as a Generic Pruning Technique Applied to the Non-overlapping Rectangles Constraint	Yes	[96]	2001	CP 2001	15	34	0	393	1012
BeldiceanuC94 BeldiceanuC94	N. Beldiceanu, E. Contejean	Introducing Global Constraints in CHIP	Yes	[100]	1994	Mathematical and Computer Modelling	27	167	8	1435	2016
AggounB93 AggounB93	A. Aggoun, N. Beldiceanu	Extending CHIP in order to solve complex scheduling and placement problems	Yes	[11]	1993	Mathematical and Computer Modelling	17	187	11	1409	2018

D.14 15 Works by Luca Benini

Table 38: Works from bibtex (Total 15)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
BorghesiBLMB18	A. Borghesi, A. Bartolini, M. Lombardi, M. Milano, L. Benini	Scheduling-based power capping in high performance computing systems	Yes	[141]	2018	Sustain. Comput. Informatics Syst.	13	11	22	1448	1798
BridiBLMB16	T. Bridi, A. Bartolini, M. Lombardi, M. Milano, L. Benini	A Constraint Programming Scheduler for Heterogeneous High-Performance Computing Machines	Yes	[150]	2016	IEEE Trans. Parallel Distributed Syst.	14	17	22	1450	1829
BridiLBBM16	T. Bridi, M. Lombardi, A. Bartolini, L. Benini, M. Milano	DARDIS: Distributed And Randomized Dispatching and Scheduling	Yes	[151]	2016	ECAI 2016	2	0	0	422	801
BonfiettiLBM14	A. Bonfietti, M. Lombardi, L. Benini, M. Milano	CROSS cyclic resource-constrained scheduling solver	Yes	[133]	2014	Artificial Intelligence Transactions on Computers	28	8	15	1447	1857
BonfiettiLBM14	M. Lombardi, M. Milano, L. Benini	Robust Scheduling of Task Graphs under Execution Time Uncertainty	Yes	[491]	2013	IEEE Transactions on Computers	14	28	29	1547	1870
LombardiMB13	A. Bonfietti, M. Lombardi, L. Benini, M. Milano	Global Cyclic Cumulative Constraint	Yes	[132]	2012	CPAIOR 2012	16	2	11	413	868
BonfiettiLBM12	L. Benini, M. Lombardi, M. Milano, M. Ruggiero	Optimal resource allocation and scheduling for the CELL BE platform	Yes	[111]	2011	Annals of Operations Research	27	18	16	1439	1890
BeniniLMR11	A. Bonfietti, M. Lombardi, L. Benini, M. Milano	A Constraint Based Approach to Cyclic RCPSP	Yes	[131]	2011	CP 2011	15	3	14	412	883
BonfiettiLBM11	M. Lombardi, A. Bonfietti, M. Milano, L. Benini	Precedence Constraint Posting for Cyclic Scheduling Problems	Yes	[484]	2011	CPAIOR 2011	17	1	13	565	892
LombardiBMB11	M. Lombardi, M. Milano, M. Ruggiero, L. Benini	Stochastic allocation and scheduling for conditional task graphs in multi-processor systems-on-chip	Yes	[492]	2010	Journal of Scheduling	31	24	41	1548	1910
LombardiMRB10	M. Ruggiero, D. Bertozzi, L. Benini, M. Milano, A. Andrei	Reducing the Abstraction and Optimality Gaps in the Allocation and Scheduling for Variable Voltage/Frequency MPSoC Platforms	Yes	[644]	2009	IEEE Trans. Comput. Aided Des. Integr. Circuits Syst.	14	9	27	1609	1925
RuggieroBBMA09	L. Benini, M. Lombardi, M. Mantovani, M. Milano, M. Ruggiero	Multi-stage Benders Decomposition for Optimizing Multicore Architectures	Yes	[109]	2008	CPAIOR 2008	15	12	13	401	925
BeniniLMMR08	L. Benini, M. Lombardi, M. Milano, M. Ruggiero	A Constraint Programming Approach for Allocation and Scheduling on the CELL Broadband Engine	Yes	[110]	2008	CP 2008	15	7	23	402	926
BeniniLMR08	L. Benini, D. Bertozzi, A. Guerri, M. Milano	Allocation, Scheduling and Voltage Scaling on Energy Aware MPSoCs	Yes	[108]	2006	CPAIOR 2006	15	18	10	400	948
BeniniBGM06	L. Benini, D. Bertozzi, A. Guerri, M. Milano	Allocation and Scheduling for MPSoCs via Decomposition and No-Good Generation	Yes	[107]	2005	CP 2005	15	25	21	399	958
BeniniBGM05											

D.15 13 Works by Philippe Laborie

Table 39: Works from bibtex (Total 13)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
LunardiBLRV20 LunardiBLRV20	Willian T. Lunardi, Ernesto G. Birgin, P. Laborie, Débora P. Ronconi, H. Voos	Mixed Integer linear programming and constraint programming models for the online printing shop scheduling problem	Yes	[500]	2020	Computers Operations Research	20	30	18	1553	1765
Laborie18a Laborie18a	P. Laborie	An Update on the Comparison of MIP, CP and Hybrid Approaches for Mixed Resource Allocation and Scheduling	Yes	[452]	2018	CPAIOR 2018	9	18	10	549	777
LaborieRSV18 LaborieRSV18	P. Laborie, J. Rogerie, P. Shaw, P. Vilím	IBM ILOG CP optimizer for scheduling - 20+ years of scheduling with constraints at IBM/ILOG	Yes	[453]	2018	Constraints An Int. J.	41	148	35	1537	1809
MelgarejoLS15 MelgarejoLS15	P. Aguiar-Melgarejo, P. Laborie, C. Solnon	A Time-Dependent No-Overlap Constraint: Application to Urban Delivery Problems	Yes	[14]	2015	CPAIOR 2015	17	14	17	580	830
VilimLS15 VilimLS15	P. Vilím, P. Laborie, P. Shaw	Failure-Directed Search for Constraint-Based Scheduling	Yes	[748]	2015	CPAIOR 2015	17	31	19	671	835
LaborieR14 LaborieR14	P. Laborie, J. Rogerie	Temporal linear relaxation in IBM ILOG CP Optimizer	Yes	[454]	2014	Journal of Scheduling	10	17	13	1536	1861
BidotVLB09 BidotVLB09	J. Bidot, T. Vidal, P. Laborie, J. Christopher Beck	A theoretic and practical framework for scheduling in a stochastic environment	Yes	[116]	2009	Journal of Scheduling	30	58	20	1441	1918
Laborie09 Laborie09	P. Laborie	IBM ILOG CP Optimizer for Detailed Scheduling Illustrated on Three Problems	Yes	[451]	2009	CPAIOR 2009	15	53	2	548	912
BaptisteLPN06 BaptisteLPN06	P. Baptiste, P. Laborie, Claude Le Pape, W. Nuijten	Constraint-Based Scheduling and Planning	No	[59]	2006	Handbook of Constraint Programming	39	30	25	No	n/a
NeronABCDD06 NeronABCDD06	E. Néron, C. Artigues, P. Baptiste, J. Carlier, J. Damay, S. Demassej, P. Laborie	Lower Bounds for Resource Constrained Project Scheduling Problem	No	[579]	2006	Perspectives in Modern Project Scheduling	null	3	34	No	n/a
GodardLN05 GodardLN05	D. Godard, P. Laborie, W. Nuijten	Randomized Large Neighborhood Search for Cumulative Scheduling	Yes	[302]	2005	ICAPS 2005	9	0	0	488	966
Laborie03 Laborie03	P. Laborie	Algorithms for propagating resource constraints in AI planning and scheduling: Existing approaches and new results	Yes	[450]	2003	Artificial Intelligence	38	128	10	1535	1963
FocacciLN00 FocacciLN00	F. Focacci, P. Laborie, W. Nuijten	Solving Scheduling Problems with Setup Times and Alternative Resources	Yes	[264]	2000	AIPS 2000	10	0	0	463	1018

D.16 12 Works by Philippe Baptiste

Table 40: Works from bibtex (Total 12)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
BaptisteB18	P. Baptiste, N. Bonifas	Redundant cumulative constraints to compute preemptive bounds	Yes	[58]	2018	Discret. Math. Appl.	10	3	13	1421	1797
BaptisteB18											
Baptiste09 Baptiste09	P. Baptiste	Constraint-Based Schedulers, Do They Really Work?	Yes	[57]	2009	CP 2009	1	0	0	377	910
BaptisteLPN06	P. Baptiste, P. Laborie, Claude Le Pape, W. Nuijten	Constraint-Based Scheduling and Planning	No	[59]	2006	Handbook of Constraint Programming	39	30	25	No	n/a
BaptisteLPN06											
NeronABCDD06	E. Néron, C. Artigues, P. Baptiste, J. Carlier, J. Damay, S. Demasse, P. Laborie	Lower Bounds for Resource Constrained Project Scheduling Problem	No	[579]	2006	Perspectives in Modern Project Scheduling	null	3	34	No	n/a
NeronABCDD06											
ArtiouchineB05	K. Artiouchine, P. Baptiste	Inter-distance Constraint: An Extension of the All-Different Constraint for Scheduling Equal Length Jobs	Yes	[43]	2005	CP 2005	15	3	11	371	956
ArtiouchineB05											
Baptiste02 Baptiste02	P. Baptiste	Résultats de complexité et programmation par contraintes pour l'ordonnancement	Yes	[56]	2002	Université de Technologie de Compiègne	237	0	0	3200	n/a
Baptiste02 Baptiste02											
BaptistePN01	P. Baptiste, Claude Le Pape, W. Nuijten	Constraint-Based Scheduling	No	[63]	2001	Book	null	296	0	No	n/a
BaptistePN01											
BaptisteP00	P. Baptiste, Claude Le Pape	Constraint Propagation and Decomposition Techniques for Highly Disjunctive and Highly Cumulative Project Scheduling Problems	Yes	[62]	2000	Constraints An Int. J.	21	46	0	1422	1977
BaptisteP00											
BaptistePN99	P. Baptiste, Claude Le Pape, W. Nuijten	Satisfiability tests and time-bound adjustments for cumulative scheduling problems	Yes	[60]	1999	Annals of Operations Research	29	72	0	1423	1992
BaptistePN99											
PapaB98 PapaB98	Claude Le Pape, P. Baptiste	Resource Constraints for Preemptive Job-shop Scheduling	Yes	[595]	1998	Constraints An Int. J.	25	14	0	1595	2004
PapaB98 PapaB98											
BaptisteP97	P. Baptiste, Claude Le Pape	Constraint Propagation and Decomposition Techniques for Highly Disjunctive and Highly Cumulative Project Scheduling Problems	Yes	[61]	1997	CP 1997	15	8	10	379	1028
BaptisteP97											
PapeB97 PapeB97	Claude Le Pape, P. Baptiste	A Constraint Programming Library for Preemptive and Non-Preemptive Scheduling	No	[594]	1997	PACT 1997	20	0	0	No	1032
PapeB97 PapeB97											

D.17 11 Works by Roman Barták

Table 41: Works from bibtex (Total 11)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
SvancaraB22 SvancaraB22	J. Svancara, R. Barták	Tackling Train Routing via Multi-agent Pathfinding and Constraint-based Scheduling	Yes	[692]	2022	ICAART 2022	8	0	0	640	723
JelinekB16 JelinekB16	J. Jelínek, R. Barták	Using Constraint Logic Programming to Schedule Solar Array Operations on the International Space Station	Yes	[403]	2016	PADL 2016	10	0	5	523	809
BartakV15 BartakV15	R. Barták, M. Vlk	Reactive Recovery from Machine Breakdown in Production Scheduling with Temporal Distance and Resource Constraints	Yes	[72]	2015	ICAART 2015	12	0	0	383	818
Bartak14 Bartak14	R. Barták	Planning and Scheduling	No	[68]	2014	Computing Handbook, Third Edition: Computer Science and Software Engineering	null	0	0	No	n/a
BartakS11 BartakS11	R. Barták, Miguel A. Salido	Constraint satisfaction for planning and scheduling problems	Yes	[70]	2011	Constraints An Int. J.	5	17	3	1425	1887
BartakCS10 BartakCS10	R. Barták, O. Cepek, P. Surynek	Discovering implied constraints in precedence graphs with alternatives	Yes	[69]	2010	Annals of Operations Research	31	2	9	1424	1905
BartakSR10 BartakSR10	R. Barták, Miguel A. Salido, F. Rossi	New trends in constraint satisfaction, planning, and scheduling: a survey	Yes	[71]	2010	Knowl. Eng. Rev.	31	28	47	1426	1906
VilimBC05 VilimBC05	P. Vilím, R. Barták, O. Cepek	Extension of $O(n \log n)$ Filtering Algorithms for the Unary Resource Constraint to Optional Activities	Yes	[747]	2005	Constraints An Int. J.	23	21	5	1639	1955
VilimBC04 VilimBC04	P. Vilím, R. Barták, O. Cepek	Unary Resource Constraint with Optional Activities	Yes	[746]	2004	CP 2004	15	13	4	670	989
Bartak02 Bartak02	R. Barták	Visopt ShopFloor: On the Edge of Planning and Scheduling	Yes	[67]	2002	CP 2002	16	6	4	381	1001
Bartak02a Bartak02a	R. Barták	Visopt ShopFloor: Going Beyond Traditional Scheduling	Yes	[66]	2002	ERCIM/CologNet 2002	15	1	9	382	1002

D.18 11 Works by Tony T. Tran

Table 42: Works from bibtex (Total 11)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
TranPZLDB18 TranPZLDB18	Tony T. Tran, M. Padmanabhan, Peter Yun Zhang, H. Li, Douglas G. Down, J. Christopher Beck	Multi-stage resource-aware scheduling for data centers with heterogeneous servers	Yes	[722]	2018	Journal of Scheduling	17	8	26	1635	1813
TranVNB17 TranVNB17	Tony T. Tran, Tiago Stegun Vaquero, G. Nejat, J. Christopher Beck	Robots in Retirement Homes: Applying Off-the-Shelf Planning and Scheduling to a Team of Assistive Robots	Yes	[724]	2017	J. Artif. Intell. Res.	68	12	0	1636	1825
TranVNB17a TranVNB17a	Tony T. Tran, Tiago Stegun Vaquero, G. Nejat, J. Christopher Beck	Robots in Retirement Homes: Applying Off-the-Shelf Planning and Scheduling to a Team of Assistive Robots (Extended Abstract)	Yes	[725]	2017	IJCAI 2017	5	1	0	658	796
BoothTNB16 BoothTNB16	Kyle E. C. Booth, Tony T. Tran, G. Nejat, J. Christopher Beck	Mixed-Integer and Constraint Programming Techniques for Mobile Robot Task Planning	No	[140]	2016	IEEE Robotics and Automation Letters	null	27	21	No	1828
FrankDT16 FrankDT16	J. Frank, M. Do, Tony T. Tran	Scheduling Ocean Color Observations for a GEO-Stationary Satellite	Yes	[271]	2016	ICAPS 2016	9	4	0	468	805
TranAB16 TranAB16	Tony T. Tran, A. Araujo, J. Christopher Beck	Decomposition Methods for the Parallel Machine Scheduling Problem with Setups	Yes	[719]	2016	INFORMS Journal on Computing	13	72	28	1634	1840
TranDRFWOVB16 TranDRFWOVB16	Tony T. Tran, M. Do, Eleanor Gilbert Rieffel, J. Frank, Z. Wang, B. O’Gorman, D. Venturelli, J. Christopher Beck	A Hybrid Quantum-Classical Approach to Solving Scheduling Problems	Yes	[721]	2016	SOCS 2016	9	3	0	656	816
TranWDRFOVB16 TranWDRFOVB16	Tony T. Tran, Z. Wang, M. Do, Eleanor Gilbert Rieffel, J. Frank, B. O’Gorman, D. Venturelli, J. Christopher Beck	Explorations of Quantum-Classical Approaches to Scheduling a Mars Lander Activity Problem	Yes	[726]	2016	AAAI 2016	9	0	0	659	817
TerekhovTDB14 TerekhovTDB14	D. Terekhov, Tony T. Tran, Douglas G. Down, J. Christopher Beck	Integrating Queueing Theory and Scheduling for Dynamic Scheduling Problems	Yes	[706]	2014	J. Artif. Intell. Res.	38	12	0	1629	1863
TranTDB13 TranTDB13	Tony T. Tran, D. Terekhov, Douglas G. Down, J. Christopher Beck	Hybrid Queueing Theory and Scheduling Models for Dynamic Environments with Sequence-Dependent Setup Times	Yes	[723]	2013	ICAPS 2013	9	2	0	657	865
TranB12 TranB12	Tony T. Tran, J. Christopher Beck	Logic-based Benders Decomposition for Alternative Resource Scheduling with Sequence Dependent Setups	Yes	[720]	2012	ECAI 2012	6	0	0	655	879

D.19 11 Works by Pascal Van Hentenryck

Table 43: Works from bibtex (Total 11)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
FontaineMH16 FontaineMH16	D. Fontaine, Laurent D. Michel, Pascal Van Hentenryck	Parallel Composition of Scheduling Solvers	Yes	[266]	2016	CPAIOR 2016	11	3	0	464	804
EvenSH15 EvenSH15	C. Even, A. Schutt, Pascal Van Hentenryck	A Constraint Programming Approach for Non-preemptive Evacuation Scheduling	Yes	[250]	2015	CP 2015	18	3	12	462	823
EvenSH15a EvenSH15a	C. Even, A. Schutt, Pascal Van Hentenryck	A Constraint Programming Approach for Non-Preemptive Evacuation Scheduling	Yes	[251]	2015	CoRR	16	0	0	1470	1844
SchausHMCMD11 SchausHMCMD11	P. Schaus, Pascal Van Hentenryck, J. Monette, C. Coffrin, L. Michel, Y. Deville	Solving Steel Mill Slab Problems with constraint-based techniques: CP, LNS, and CBLS	Yes	[651]	2011	Constraints An Int. J.	23	14	5	1613	1900
MonetteDH09 MonetteDH09	J. Monette, Y. Deville, Pascal Van Hentenryck	Just-In-Time Scheduling with Constraint Programming	Yes	[541]	2009	ICAPS 2009	8	9	0	584	914
DoomsH08 DoomsH08	G. Dooms, Pascal Van Hentenryck	Gap Reduction Techniques for Online Stochastic Project Scheduling	Yes	[228]	2008	CPAIOR 2008	16	1	2	454	927
HentenryckM08 HentenryckM08	Pascal Van Hentenryck, L. Michel	The Steel Mill Slab Design Problem Revisited	Yes	[369]	2008	CPAIOR 2008	5	13	3	511	928
MercierH08 MercierH08	L. Mercier, Pascal Van Hentenryck	Edge Finding for Cumulative Scheduling	Yes	[530]	2008	INFORMS Journal on Computing	21	32	5	1563	1936
MercierH07 MercierH07	L. Mercier, Pascal Van Hentenryck	Strong polynomiality of resource constraint propagation	No	[531]	2007	Discrete Optimization	null	5	8	No	1942
HentenryckM04 HentenryckM04	Pascal Van Hentenryck, L. Michel	Scheduling Abstractions for Local Search	Yes	[368]	2004	CPAIOR 2004	16	12	14	510	981
DincbasSH90 DincbasSH90	M. Dincbas, H. Simonis, Pascal Van Hentenryck	Solving Large Combinatorial Problems in Logic Programming	Yes	[226]	1990	The Journal of Logic Programming	19	86	9	1464	2021

D.20 11 Works by Petr Vilím

Table 44: Works from bibtex (Total 11)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
LaborieRSV18 LaborieRSV18	P. Laborie, J. Rogerie, P. Shaw, P. Vilím	IBM ILOG CP optimizer for scheduling - 20+ years of scheduling with constraints at IBM/ILOG	Yes	[453]	2018	Constraints An Int. J.	41	148	35	1537	1809
VilimLS15 VilimLS15	P. Vilím, P. Laborie, P. Shaw	Failure-Directed Search for Constraint-Based Scheduling	Yes	[748]	2015	CPAIOR 2015	17	31	19	671	835
Vilim11 Vilim11	P. Vilím	Timetable Edge Finding Filtering Algorithm for Discrete Cumulative Resources	Yes	[745]	2011	CPAIOR 2011	16	28	6	669	894
Vilim09 Vilim09	P. Vilím	Edge Finding Filtering Algorithm for Discrete Cumulative Resources in $O(kn \log n)$	Yes	[743]	2009	CP 2009	15	25	4	667	919
Vilim09a Vilim09a	P. Vilím	Max Energy Filtering Algorithm for Discrete Cumulative Resources	Yes	[744]	2009	CPAIOR 2009	15	13	4	668	920
Vilim05 Vilim05	P. Vilím	Computing Explanations for the Unary Resource Constraint	Yes	[742]	2005	CPAIOR 2005	14	5	8	666	974
VilimBC05 VilimBC05	P. Vilím, R. Barták, O. Cepek	Extension of $O(n \log n)$ Filtering Algorithms for the Unary Resource Constraint to Optional Activities	Yes	[747]	2005	Constraints An Int. J.	23	21	5	1639	1955
Vilim04 Vilim04	P. Vilím	$O(n \log n)$ Filtering Algorithms for Unary Resource Constraint	Yes	[741]	2004	CPAIOR 2004	13	22	5	665	988
VilimBC04 VilimBC04	P. Vilím, R. Barták, O. Cepek	Unary Resource Constraint with Optional Activities	Yes	[746]	2004	CP 2004	15	13	4	670	989
Vilim03 Vilim03	P. Vilím	Computing Explanations for Global Scheduling Constraints	Yes	[740]	2003	CP 2003	1	1	1	664	999
Vilim02 Vilim02	P. Vilím	Batch Processing with Sequence Dependent Setup Times	Yes	[739]	2002	CP 2002	1	6	1	663	1010

D.21 10 Works by Alessio Bonfietti

Table 45: Works from bibtex (Total 10)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
Bonfietti16 Bonfietti16	A. Bonfietti	A constraint programming scheduling solver for the MPOpt programming environment	Yes	[130]	2016	Intelligenza Artificiale CP 2016	13	0	19	1446	1827
BonfiettiZLM16 BonfiettiZLM16	A. Bonfietti, A. Zanarini, M. Lombardi, M. Milano	The Multirate Resource Constraint	Yes	[137]	2016	CP 2016	17	0	11	417	799
LombardiBM15 LombardiBM15	M. Lombardi, A. Bonfietti, M. Milano	Deterministic Estimation of the Expected Makespan of a POS Under Duration Uncertainty	Yes	[483]	2015	CP 2015	16	0	8	564	829
BonfiettiLBM14 BonfiettiLBM14	A. Bonfietti, M. Lombardi, L. Benini, M. Milano	CROSS cyclic resource-constrained scheduling solver	Yes	[133]	2014	Artificial Intelligence CPAIOR 2014	28	8	15	1447	1857
BonfiettiLM14 BonfiettiLM14	A. Bonfietti, M. Lombardi, M. Milano	Disregarding Duration Uncertainty in Partial Order Schedules? Yes, We Can!	Yes	[135]	2014	CPAIOR 2014	16	3	12	415	841
BonfiettiLM13 BonfiettiLM13	A. Bonfietti, M. Lombardi, M. Milano	De-Cycling Cyclic Scheduling Problems	Yes	[134]	2013	ICAPS 2013	5	1	0	414	852
BonfiettiLBM12 BonfiettiLBM12	A. Bonfietti, M. Lombardi, L. Benini, M. Milano	Global Cyclic Cumulative Constraint	Yes	[132]	2012	CPAIOR 2012	16	2	11	413	868
BonfiettiM12 BonfiettiM12	A. Bonfietti, M. Milano	A Constraint-based Approach to Cyclic Resource-Constrained Scheduling Problem	Yes	[136]	2012	DC SIAAI 2012	3	0	0	416	869
BonfiettiLBM11 BonfiettiLBM11	A. Bonfietti, M. Lombardi, L. Benini, M. Milano	A Constraint Based Approach to Cyclic RCPSP	Yes	[131]	2011	CP 2011	15	3	14	412	883
LombardiBMB11 LombardiBMB11	M. Lombardi, A. Bonfietti, M. Milano, L. Benini	Precedence Constraint Posting for Cyclic Scheduling Problems	Yes	[484]	2011	CPAIOR 2011	17	1	13	565	892

D.22 10 Works by Mats Carlsson

Table 46: Works from bibtex (Total 10)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
WessenCS20 WessenCS20	J. Wessén, M. Carlsson, C. Schulte	Scheduling of Dual-Arm Multi-tool Assembly Robots and Workspace Layout Optimization	Yes	[761]	2020	CPAIOR 2020	10	2	11	676	752
MossigeGSMC17 MossigeGSMC17	M. Mossige, A. Gotlieb, H. Spieker, H. Meling, M. Carlsson	Time-Aware Test Case Execution Scheduling for Cyber-Physical Systems	Yes	[544]	2017	CP 2017	18	6	33	585	794
LetortCB15 LetortCB15	A. Letort, M. Carlsson, N. Beldiceanu	Synchronized sweep algorithms for scalable scheduling constraints	Yes	[467]	2015	Constraints An Int. J.	52	2	14	1540	1848
LetortCB13 LetortCB13	A. Letort, M. Carlsson, N. Beldiceanu	A Synchronized Sweep Algorithm for the <i>k-dimensional cumulative</i> Constraint	Yes	[466]	2013	CPAIOR 2013	16	3	10	554	859
LetortBC12 LetortBC12	A. Letort, N. Beldiceanu, M. Carlsson	A Scalable Sweep Algorithm for the cumulative Constraint	Yes	[465]	2012	CP 2012	16	18	12	553	873
LozanoCDS12 LozanoCDS12	Roberto Castañeda Lozano, M. Carlsson, F. Drejhammar, C. Schulte	Constraint-Based Register Allocation and Instruction Scheduling	Yes	[497]	2012	CP 2012	17	21	30	570	874
BeldiceanuCDP11 BeldiceanuCDP11	N. Beldiceanu, M. Carlsson, S. Demassey, E. Poder	New filtering for the <i>cumulative</i> constraint in the context of non-overlapping rectangles	Yes	[98]	2011	Annals of Operations Research	24	8	8	1436	1889
BeldiceanuCP08 BeldiceanuCP08	N. Beldiceanu, M. Carlsson, E. Poder	New Filtering for the cumulative Constraint in the Context of Non-Overlapping Rectangles	Yes	[99]	2008	CPAIOR 2008	15	8	9	395	924
BeldiceanuC02 BeldiceanuC02	N. Beldiceanu, M. Carlsson	A New Multi-resource cumulatives Constraint with Negative Heights	Yes	[97]	2002	CP 2002	17	33	9	394	1003
BeldiceanuC01 BeldiceanuC01	N. Beldiceanu, M. Carlsson	Sweep as a Generic Pruning Technique Applied to the Non-overlapping Rectangles Constraint	Yes	[96]	2001	CP 2001	15	34	0	393	1012

D.23 10 Works by Claude Le Pape

Table 47: Works from bibtex (Total 10)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
BaptisteLPN06 BaptisteLPN06	P. Baptiste, P. Laborie, Claude Le Pape, W. Nuijten	Constraint-Based Scheduling and Planning	No	[59]	2006	Handbook of Constraint Programming	39	30	25	No	n/a
DannaP04 DannaP04	E. Danna, Claude Le Pape	Two Generic Schemes for Efficient and Robust Cooperative Algorithms	No	[200]	2004	Constraints and Integer Programming Book	null	2	34	No	n/a
BaptistePN01 BaptistePN01	P. Baptiste, Claude Le Pape, W. Nuijten	Constraint-Based Scheduling	No	[63]	2001		null	296	0	No	n/a
BaptisteP00 BaptisteP00	P. Baptiste, Claude Le Pape	Constraint Propagation and Decomposition Techniques for Highly Disjunctive and Highly Cumulative Project Scheduling Problems	Yes	[62]	2000	Constraints An Int. J.	21	46	0	1422	1977
BaptistePN99 BaptistePN99	P. Baptiste, Claude Le Pape, W. Nuijten	Satisfiability tests and time-bound adjustments for cumulative scheduling problems	Yes	[60]	1999	Annals of Operations Research	29	72	0	1423	1992
NuijtenP98 NuijtenP98	W. Nuijten, Claude Le Pape	Constraint-Based Job Shop Scheduling with \sc Ilog Scheduler	Yes	[578]	1998	J. Heuristics	16	42	0	1586	2003
PapaB98 PapaB98	Claude Le Pape, P. Baptiste	Resource Constraints for Preemptive Job-shop Scheduling	Yes	[595]	1998	Constraints An Int. J.	25	14	0	1595	2004
BaptisteP97 BaptisteP97	P. Baptiste, Claude Le Pape	Constraint Propagation and Decomposition Techniques for Highly Disjunctive and Highly Cumulative Project Scheduling Problems	Yes	[61]	1997	CP 1997	15	8	10	379	1028
PapeB97 PapeB97	Claude Le Pape, P. Baptiste	A Constraint Programming Library for Preemptive and Non-Preemptive Scheduling	No	[594]	1997	PACT 1997	20	0	0	No	1032
Pape94 Pape94	Claude Le Pape	Implementation of resource constraints in ILOG SCHEDULE: a library for the development of constraint-based scheduling systems	Yes	[593]	1994	Intelligent Systems Engineering	34	98	0	1596	2017

D.24 10 Works by Margaux Nattaf

Table 48: Works from bibtex (Total 10)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
BonninMNE24 BonninMNE24 PenzDN23 PenzDN23	C. Bonnin, A. Malapert, M. Nattaf, M. Espinouse L. Penz, S. Dauzère-Pérès, M. Nattaf	Toward a Global Constraint for Minimizing the Flowtime Minimizing the sum of completion times on a single machine with health index and flexible maintenance operations	Yes	[138]	2024	ICORES 2024	12	0	0	418	697
NattafM20 NattafM20	M. Nattaf, A. Malapert	Filtering Rules for Flow Time Minimization in a Parallel Machine Scheduling Problem	Yes	[565]	2020	CP 2020	16	0	6	592	748
MalapertN19 MalapertN19	A. Malapert, M. Nattaf	A New CP-Approach for a Parallel Machine Scheduling Problem with Time Constraints on Machine Qualifications	Yes	[512]	2019	CPAIOR 2019	17	1	7	577	763
NattafDYW19 NattafDYW19	M. Nattaf, S. Dauzère-Pérès, C. Yugma, C. Wu	Parallel machine scheduling with time constraints on machine qualifications	Yes	[563]	2019	Computers Operations Research	16	14	21	1577	1783
NattafHKAL19 NattafHKAL19	M. Nattaf, M. Horváth, T. Kis, C. Artigues, P. Lopez	Polyhedral results and valid inequalities for the continuous energy-constrained scheduling problem	Yes	[564]	2019	Discret. Appl. Math.	16	5	12	1578	1784
NattafAL17 NattafAL17	M. Nattaf, C. Artigues, P. Lopez	Cumulative scheduling with variable task profiles and concave piecewise linear processing rate functions	Yes	[561]	2017	Constraints An Int. J.	18	5	10	1575	1821
Nattaf16 Nattaf16	M. Nattaf	Ordonnancement sous contraintes d'énergie	Yes	[559]	2016	UPS Toulouse - Université Toulouse 3 Paul Sabatier	199	0	0	3222	n/a
NattafALR16 NattafALR16	M. Nattaf, C. Artigues, P. Lopez, D. Rivreau	Energetic reasoning and mixed-integer linear programming for scheduling with a continuous resource and linear efficiency functions	Yes	[562]	2016	OR Spectr.	34	10	15	1576	1835
NattafAL15 NattafAL15	M. Nattaf, C. Artigues, P. Lopez	A hybrid exact method for a scheduling problem with a continuous resource and energy constraints	Yes	[560]	2015	Constraints An Int. J.	21	14	13	1574	1849

D.25 10 Works by Louis-Martin Rousseau

Table 49: Works from bibtex (Total 10)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
CappartTSR18 CappartTSR18	Q. Cappart, C. Thomas, P. Schaus, L. Rousseau	A Constraint Programming Approach for Solving Patient Transportation Problems	Yes	[164]	2018	CP 2018	17	6	31	428	772
DoulabiRP16 DoulabiRP16	Seyed Hossein Hashemi Doulabi, L. Rousseau, G. Pesant	A Constraint-Programming-Based Branch-and-Price-and-Cut Approach for Operating Room Planning and Scheduling	Yes	[233]	2016	INFORMS Journal on Computing	17	56	28	1465	1831
PesantRR15 PesantRR15	G. Pesant, G. Rix, L. Rousseau	A Comparative Study of MIP and CP Formulations for the B2B Scheduling Optimization Problem	Yes	[603]	2015	CPAIOR 2015	16	1	7	605	832
DoulabiRP14 DoulabiRP14	Seyed Hossein Hashemi Doulabi, L. Rousseau, G. Pesant	A Constraint Programming-Based Column Generation Approach for Operating Room Planning and Scheduling	Yes	[232]	2014	CPAIOR 2014	9	3	10	455	845
MalapertCGJLR13 MalapertCGJLR13	A. Malapert, H. Cambazard, C. Gu��ret, N. Jussien, A. Langevin, L. Rousseau	An Optimal Constraint Programming Approach to the Open-Shop Problem	Yes	[511]	2013	ICAPS 2013	2	0	0	576	861
MalapertCGJLR12 MalapertCGJLR12	A. Malapert, H. Cambazard, C. Gu��ret, N. Jussien, A. Langevin, L. Rousseau	An Optimal Constraint Programming Approach to the Open-Shop Problem	Yes	[510]	2012	INFORMS Journal on Computing	17	23	21	1554	1880
ChapadosJR11 ChapadosJR11	N. Chapados, M. Joliveau, L. Rousseau	Retail Store Workforce Scheduling by Expected Operating Income Maximization	Yes	[182]	2011	CPAIOR 2011	6	5	12	435	884
HachemiGR11 HachemiGR11	Nizar El Hachemi, M. Gendreau, L. Rousseau	A hybrid constraint programming approach to the log-truck scheduling problem	Yes	[334]	2011	Annals of Operations Research	16	32	19	1494	1893
CastroGR10 CastroGR10	Pedro M. Castro, Ignacio E. Grossmann, L. Rousseau	Decomposition Techniques for Hybrid MILP/CP Models applied to Scheduling and Routing Problems	No	[174]	2010	Hybrid Optimization	null	0	67	No	n/a
CorreaLR07 CorreaLR07	Ayoub Insa Corr��a, A. Langevin, L. Rousseau	Scheduling and routing of automated guided vehicles: A hybrid approach	Yes	[196]	2007	Computers Operations Research	20	106	20	1460	1940

D.26 9 Works by Narendra Jussien

Table 50: Works from bibtex (Total 9)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
MalapertCGJLR13	A. Malapert, H. Cambazard, C. Gu��ret, N. Jussien, A. Langevin, L. Rousseau	An Optimal Constraint Programming Approach to the Open-Shop Problem	Yes	[511]	2013	ICAPS 2013	2	0	0	576	861
MalapertCGJLR12	A. Malapert, H. Cambazard, C. Gu��ret, N. Jussien, A. Langevin, L. Rousseau	An Optimal Constraint Programming Approach to the Open-Shop Problem	Yes	[510]	2012	INFORMS Journal on Computing	17	23	21	1554	1880
ClercqPBJ11	Alexis De Clercq, T. Petit, N. Beldiceanu, N. Jussien	Filtering Algorithms for Discrete Cumulative Problems with Overloads of Resource	Yes	[189]	2011	CP 2011	16	3	11	439	885
HladikCDJ08	P. Hladik, H. Cambazard, A. D��planche, N. Jussien	Solving a real-time allocation problem with constraint programming	No	[374]	2008	Journal of Systems and Software	null	36	27	No	1931
CambazardJ05	H. Cambazard, N. Jussien	Integrating Benders Decomposition Within Constraint Programming	Yes	[161]	2005	CP 2005	5	6	8	426	959
CambazardHDJT04	H. Cambazard, P. Hladik, A. D��planche, N. Jussien, Y. Trinquet	Decomposition and Learning for a Hard Real Time Task Allocation Problem	Yes	[160]	2004	CP 2004	15	33	13	425	980
ElkhyariGJ02	A. Elkhyari, C. Gu��ret, N. Jussien	Conflict-Based Repair Techniques for Solving Dynamic Scheduling Problems	Yes	[241]	2002	CP 2002	6	1	6	458	1005
ElkhyariGJ02a	A. Elkhyari, C. Gu��ret, N. Jussien	Solving Dynamic Resource Constraint Project Scheduling Problems Using New Constraint Programming Tools	Yes	[242]	2002	PATAT 2002	24	9	20	459	1006
JussienL02	N. Jussien, O. Lhomme	Local search with constraint propagation and conflict-based heuristics	Yes	[406]	2002	Artificial Intelligence	25	88	16	1519	1967

D.27 9 Works by Nysret Musliu

Table 51: Works from bibtex (Total 9)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
LacknerMMWW23	M. Lackner, C. Mrkvicka, N. Musliu, D. Walkiewicz, F. Winter	Exact methods for the Oven Scheduling Problem	Yes	[456]	2023	Constraints An Int. J.	42	0	32	1538	1691
LacknerMMWW23	F. Winter, S. Meiswinkel, N. Musliu, D. Walkiewicz	Modeling and Solving Parallel Machine Scheduling with Contamination Constraints in the Agricultural Industry	Yes	[763]	2022	CP 2022	18	0	0	677	726
WinterMMW22	T. Geibinger, L. Kletzander, M. Krainz, F. Mischek, N. Musliu, F. Winter	Physician Scheduling During a Pandemic	Yes	[290]	2021	CPAIOR 2021	10	0	6	480	734
GeibingerKKMMW21	T. Geibinger, F. Mischek, N. Musliu	Constraint Logic Programming for Real-World Test Laboratory Scheduling	Yes	[293]	2021	AAAI 2021	9	0	0	482	735
GeibingerMM21	M. Lackner, C. Mrkvicka, N. Musliu, D. Walkiewicz, F. Winter	Minimizing Cumulative Batch Processing Time for an Industrial Oven Scheduling Problem	Yes	[455]	2021	CP 2021	18	0	0	550	740
LacknerMMWW21	T. Geibinger, F. Mischek, N. Musliu	Investigating Constraint Programming for Real World Industrial Test Laboratory Scheduling	Yes	[292]	2019	CPAIOR 2019	16	6	15	481	760
GeibingerMM19	T. Geibinger, F. Mischek, N. Musliu	Investigating Constraint Programming and Hybrid Methods for Real World Industrial Test Laboratory Scheduling	Yes	[291]	2019	CoRR	16	0	0	1664	1796
abs-1911-04766	N. Musliu, A. Schutt, Peter J. Stuckey	Solver Independent Rotating Workforce Scheduling	Yes	[551]	2018	CPAIOR 2018	17	7	23	591	778
abs-1911-04766	L. Kletzander, N. Musliu	A Multi-stage Simulated Annealing Algorithm for the Torpedo Scheduling Problem	Yes	[427]	2017	CPAIOR 2017	15	1	9	536	791
MusliuSS18											
MusliuSS18											
KletzanderM17											
KletzanderM17											

D.28 9 Works by Wim Nuijten

Table 52: Works from bibtex (Total 9)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
BaptisteLPN06 BaptisteLPN06	P. Baptiste, P. Laborie, Claude Le Pape, W. Nuijten	Constraint-Based Scheduling and Planning	No	[59]	2006	Handbook of Con- straint Program- ming	39	30	25	No	n/a
GodardLN05 GodardLN05	D. Godard, P. Laborie, W. Nuijten	Randomized Large Neighborhood Search for Cumulative Scheduling	Yes	[302]	2005	ICAPS 2005	9	0	0	488	966
BaptistePN01 BaptistePN01	P. Baptiste, Claude Le Pape, W. Nuijten	Constraint-Based Scheduling	No	[63]	2001	Book	null	296	0	No	n/a
FocacciLN00 FocacciLN00	F. Focacci, P. Laborie, W. Nuijten	Solving Scheduling Problems with Setup Times and Alternative Resources	Yes	[264]	2000	AIPS 2000	10	0	0	463	1018
SourdN00 SourdN00	F. Sourd, W. Nuijten	Multiple-Machine Lower Bounds for Shop-Scheduling Problems	Yes	[685]	2000	INFORMS Journal on Computing	12	7	14	1624	1990
BaptistePN99 BaptistePN99	P. Baptiste, Claude Le Pape, W. Nuijten	Satisfiability tests and time-bound adjustments for cumulative scheduling problems	Yes	[60]	1999	Annals of Opera- tions Research	29	72	0	1423	1992
NuijtenP98 NuijtenP98	W. Nuijten, Claude Le Pape	Constraint-Based Job Shop Scheduling with \sc Ilog Scheduler	Yes	[578]	1998	J. Heuristics	16	42	0	1586	2003
NuijtenA96 NuijtenA96	W. Nuijten, E. Aarts	A computational study of constraint satisfaction for multiple capacitated job shop scheduling	Yes	[577]	1996	European Jour- nal of Operational Research	16	65	6	1585	2010
NuijtenA94 NuijtenA94	W. Nuijten, E. Aarts	Constraint Satisfaction for Multiple Capacitated Job Shop Scheduling	Yes	[576]	1994	ECAI 1994	5	0	0	595	1043

D.29 9 Works by Claude-Guy Quimper

Table 53: Works from bibtex (Total 9)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
BoudreaultSLQ22	R. Boudreault, V. Simard, D. Lafond, C. Quimper	A Constraint Programming Approach to Ship Refit Project Scheduling	Yes	[144]	2022	CP 2022	16	0	0	420	714
BoudreaultSLQ22	Y. Ouellet, C. Quimper	A MinCumulative Resource Constraint	Yes	[586]	2022	CPAIOR 2022	17	1	22	599	720
OuelletQ22 OuelletQ22	A. Mercier-Aubin, J. Gaudreault, C. Quimper	Leveraging Constraint Scheduling: A Case Study to the Textile Industry	Yes	[532]	2020	CPAIOR 2020	13	2	13	581	747
Mercier-AubinGQ20	H. Fahimi, Y. Ouellet, C. Quimper	Linear-time filtering algorithms for the disjunctive constraint and a quadratic filtering algorithm for the cumulative not-first not-last	Yes	[254]	2018	Constraints An Int. J.	22	2	20	1471	1801
FahimiOQ18	R. Kameugne, Séverine Betmbe Fetgo, V. Gingras, Y. Ouellet, C. Quimper	Horizontally Elastic Not-First/Not-Last Filtering Algorithm for Cumulative Resource Constraint	Yes	[414]	2018	CPAIOR 2018	17	1	12	528	776
FahimiOQ18	Y. Ouellet, C. Quimper	A $O(n \log^2 n)$ Checker and $O(n^2 \log n)$ Filtering Algorithm for the Energetic Reasoning	Yes	[585]	2018	CPAIOR 2018	18	6	16	598	781
KameugneFGOQ18	V. Gingras, C. Quimper	Generalizing the Edge-Finder Rule for the Cumulative Constraint	Yes	[301]	2016	IJCAI 2016	7	0	0	487	807
OuelletQ18 OuelletQ18	C. Bessiere, E. Hebrard, M. Ménard, C. Quimper, T. Walsh	Buffered Resource Constraint: Algorithms and Complexity	Yes	[115]	2014	CPAIOR 2014	16	1	3	405	839
GingrasQ16 GingrasQ16	P. Ouellet, C. Quimper	Time-Table Extended-Edge-Finding for the Cumulative Constraint	Yes	[584]	2013	CP 2013	16	12	14	597	862

D.30 9 Works by Armin Wolf

Table 54: Works from bibtex (Total 9)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
GeitzGSSW22 GeitzGSSW22 Wolf11 Wolf11	M. Geitz, C. Grozea, W. Steigerwald, R. Stöhr, A. Wolf A. Wolf	Solving the Extended Job Shop Scheduling Problem with AGVs - Classical and Quantum Approaches Constraint-Based Modeling and Scheduling of Clinical Pathways	Yes Yes	[294] [766]	2022 2011	CPAIOR 2022 CSCLP 2011	18 17	0 5	24 19	483 681	715 895
SchuttW10 SchuttW10 Wolf09 Wolf09	A. Schutt, A. Wolf A. Wolf, G. Schrader	A New $O(n^2 \log n)$ Not-First/Not-Last Pruning Algorithm for Cumulative Resource Constraints Linear Weighted-Task-Sum – Scheduling Prioritized Tasks on a Single Resource	Yes Yes	[665] [769]	2010 2009	CP 2010 INAP 2009	15 17	13 1	14 12	628 680	905 921
SchuttWS05 SchuttWS05 Wolf05 Wolf05	A. Schutt, A. Wolf, G. Schrader A. Wolf	Not-First and Not-Last Detection for Cumulative Scheduling in $O(n^3 \log n)$ Better Propagation for Non-preemptive Single-Resource Constraint Problems	Yes Yes	[666] [765]	2005 2005	INAP 2005 CSCLP 2005	15 15	6 4	4 8	629 679	973 975
WolfS05 WolfS05 WolfS05a WolfS05a	A. Wolf, G. Schrader A. Wolf, H. Schlenker	$O(n \log n)$ Overload Checking for the Cumulative Constraint and Its Application Realising the Alternative Resources Constraint	Yes Yes	[768] [767]	2005 2005	INAP 2005 Applications of Declarative Pro- gramming and Knowledge Manage- ment CP 2003	14 15	6 5	6 6	682 ??	976 n/a
Wolf03 Wolf03	A. Wolf	Pruning while Sweeping over Task Intervals	Yes	[764]	2003	CP 2003	15	11	7	678	1000

D.31 9 Works by Cemalettin Öztürk

Table 55: Works from bibtex (Total 9)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
GokPTGO23 GokPTGO23	Yagmur S. Gök, S. Padrón, M. Tomasella, D. Guimarans, C. Öztürk	Constraint-based robust planning and scheduling of airport apron operations through simheuristics	Yes	[307]	2023	Annals of Operations Research	36	0	0	1483	1686
OrnekOS20 OrnekOS20	A. Örnek, C. Öztürk, I. Sugut	Integer and constraint programming model formulations for flight-gate assignment problem	Yes	[583]	2022	Operational Research	29	0	0	1589	1725
AntunesABD20 AntunesABD20	M. Antunes, V. Armant, Kenneth N. Brown, Daniel A. Desmond, G. Escamocher, A. George, D. Grimes, M. O’Keeffe, Y. Lin, B. O’Sullivan, C. Öztürk, L. Quesada, M. Siala, H. Simonis, N. Wilson	Assigning and Scheduling Service Visits in a Mixed Urban/Rural Setting	Yes	[24]	2020	Int. J. Artif. Intell. Tools	31	0	16	1412	1752
GokGSTO20 GokGSTO20	Yagmur S. Gök, D. Guimarans, Peter J. Stuckey, M. Tomasella, C. Öztürk	Robust Resource Planning for Aircraft Ground Operations	Yes	[306]	2020	CPAIOR 2020	17	2	14	490	744
AntunesABD18 AntunesABD18	M. Antunes, V. Armant, Kenneth N. Brown, Daniel A. Desmond, G. Escamocher, A. George, D. Grimes, M. O’Keeffe, Y. Lin, B. O’Sullivan, C. Öztürk, L. Quesada, M. Siala, H. Simonis, N. Wilson	Assigning and Scheduling Service Visits in a Mixed Urban/Rural Setting	Yes	[23]	2018	ICTAI 2018	8	1	24	362	768
OrnekO16 OrnekO16	A. Örnek, C. Öztürk	Optimisation and Constraint Based Heuristic Methods for Advanced Planning and Scheduling Systems	Yes	[582]	2016	International Journal of Industrial Engineering: Theory, Applications and Practice	25	0	0	1588	1837
OzturkTHO15 OzturkTHO15	C. Öztürk, S. Tunali, B. Hnich, A. Örnek	Cyclic scheduling of flexible mixed model assembly lines with parallel stations	Yes	[591]	2015	Journal of Manufacturing Systems	12	27	17	1593	1850
OzturkTHO13 OzturkTHO13	C. Öztürk, S. Tunali, B. Hnich, A. Örnek	Balancing and scheduling of flexible mixed model assembly lines	Yes	[590]	2013	Constraints An Int. J.	36	31	44	1592	1872
OzturkTHO10 OzturkTHO10	C. Öztürk, S. Tunali, B. Hnich, A. Örnek	Simultaneous Balancing and Scheduling of Flexible Mixed Model Assembly Lines with Sequence-Dependent Setup Times	Yes	[589]	2010	Electronic Notes in Discrete Mathematics	8	15	1	1590	1913

D.32 8 Works by Thibaut Feydy

Table 56: Works from bibtex (Total 8)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
YoungFS17 YoungFS17	Kenneth D. Young, T. Feydy, A. Schutt	Constraint Programming Applied to the Multi-Skill Project Scheduling Problem	Yes	[775]	2017	CP 2017	10	6	21	686	797
SchuttFSW15 SchuttFSW15	A. Schutt, T. Feydy, Peter J. Stuckey, Mark G. Wallace	A Satisfiability Solving Approach	No	[663]	2015	Handbook on Project Management and Scheduling Vol.1	26	3	28	No	n/a
SchuttFS13 SchuttFS13	A. Schutt, T. Feydy, Peter J. Stuckey	Scheduling Optional Tasks with Explanation	Yes	[658]	2013	CP 2013	17	10	20	624	863
SchuttFS13a SchuttFS13a	A. Schutt, T. Feydy, Peter J. Stuckey	Explaining Time-Table-Edge-Finding Propagation for the Cumulative Resource Constraint	Yes	[657]	2013	CPAIOR 2013	17	20	27	625	864
SchuttFSW13 SchuttFSW13	A. Schutt, T. Feydy, Peter J. Stuckey, Mark G. Wallace	Solving RCPSP/max by lazy clause generation	Yes	[662]	2013	Journal of Scheduling	17	43	23	1617	1873
SchuttFSW11 SchuttFSW11	A. Schutt, T. Feydy, Peter J. Stuckey, Mark G. Wallace	Explaining the cumulative propagator	Yes	[661]	2011	Constraints An Int. J.	33	57	23	1616	1901
abs-1009-0347 abs-1009-0347	A. Schutt, T. Feydy, Peter J. Stuckey, Mark G. Wallace	Solving the Resource Constrained Project Scheduling Problem with Generalized Precedences by Lazy Clause Generation	Yes	[660]	2010	CoRR	37	0	0	1660	1917
SchuttFSW09 SchuttFSW09	A. Schutt, T. Feydy, Peter J. Stuckey, Mark G. Wallace	Why Cumulative Decomposition Is Not as Bad as It Sounds	Yes	[659]	2009	CP 2009	16	34	11	626	917

D.33 8 Works by Roger Kameugne

Table 57: Works from bibtex (Total 8)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
KameugneFND23	R. Kameugne, Séverine Betmbe Fetgo, T.	Horizontally Elastic Edge Finder Rule for	Yes	[415]	2023	CP 2023	17	0	0	529	703
KameugneFND23	Noulamo, Clémentin Tayou Djamégni	Cumulative Constraint Based on Slack and Density									
ThomasKS20	C. Thomas, R. Kameugne, P. Schaus	Insertion Sequence Variables for Hybrid Routing and	Yes	[711]	2020	CPAIOR 2020	18	0	16	650	750
ThomasKS20		Scheduling Problems									
KameugneFGOQ18	R. Kameugne, Séverine Betmbe Fetgo, V.	Horizontally Elastic Not-First/Not-Last Filtering	Yes	[414]	2018	CPAIOR 2018	17	1	12	528	776
KameugneFGOQ18	Gingras, Y. Ouellet, C. Quimper	Algorithm for Cumulative Resource Constraint									
Kameugne15	R. Kameugne	Propagation techniques of resource constraint for	Yes	[413]	2015	Constraints An Int.	2	0	0	1522	1847
Kameugne15		cumulative scheduling				J.					
Kameugne14	R. Kameugne	Techniques de Propagation de la Contrainte de	Yes	[412]	2014	University of	139	0	0	3213	n/a
Kameugne14		Ressource en Ordonnancement Cumulatif				Yaounde I, Cameroon					
KameugneFSN14	R. Kameugne, Laure Pauline Fotso, Joseph D.	A quadratic edge-finding filtering algorithm for	Yes	[418]	2014	Constraints An Int.	27	6	10	1523	1860
KameugneFSN14	Scott, Y. Ngo-Kateu	cumulative resource constraints				J.					
KameugneF13	R. Kameugne, Laure Pauline Fotso	A cumulative not-first/not-last filtering algorithm in	No	[416]	2013	Indian Journal of	null	6	4	No	1869
KameugneF13		$O(n \log(n))$				Pure and Applied Mathematics					
KameugneFSN11	R. Kameugne, Laure Pauline Fotso, Joseph D.	A Quadratic Edge-Finding Filtering Algorithm for	Yes	[417]	2011	CP 2011	15	7	9	530	890
KameugneFSN11	Scott, Y. Ngo-Kateu	Cumulative Resource Constraints									

D.34 8 Works by Bahman Naderi

Table 58: Works from bibtex (Total 8)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
NaderiBZ23 NaderiBZ23	B. Naderi, Mehmet A. Begen, G. Zhang	Integrated Order Acceptance and Resource Decisions Under Uncertainty: Robust and Stochastic Approaches	Yes	[555]	2023	SSRN	32	0	46	1572	1695
NaderiBZR23 NaderiBZR23	B. Naderi, Mehmet A. Begen, Gregory S. Zaric, V. Roshanaei	A novel and efficient exact technique for integrated staffing, assignment, routing, and scheduling of home care services under uncertainty	No	[553]	2023	Omega	1	4	64	No	1696
NaderiRR23 NaderiRR23	B. Naderi, R. Ruiz, V. Roshanaei	Mixed-Integer Programming vs. Constraint Programming for Shop Scheduling Problems: New Results and Outlook	Yes	[558]	2023	INFORMS Journal on Computing	27	2	50	1573	1697
NaderiBZ22 NaderiBZ22	B. Naderi, Mehmet A. Begen, G. Zhang	Integrated Order Acceptance and Resource Decisions Under Uncertainty: Robust and Stochastic Approaches	Yes	[554]	2022	SSRN Electronic Journal	29	0	44	1570	1722
NaderiBZ22a NaderiBZ22a	B. Naderi, Mehmet A. Begen, Gregory S. Zaric	Type-2 integrated process-planning and scheduling problem: Reformulation and solution algorithms	Yes	[552]	2022	Computers Operations Research	19	3	44	1571	1723
NaderiR22 NaderiR22	B. Naderi, V. Roshanaei	Critical-Path-Search Logic-Based Benders Decomposition Approaches for Flexible Job Shop Scheduling	No	[556]	2022	INFORMS Journal on Optimization	null	5	49	No	1724
NaderiRBAU21 NaderiRBAU21	B. Naderi, V. Roshanaei, Mehmet A. Begen, Dionne M. Aleman, David R. Urbach	Increased Surgical Capacity without Additional Resources: Generalized Operating Room Planning and Scheduling	No	[557]	2021	Production and Operations Management	null	22	61	No	1743
RoshanaeiN21 RoshanaeiN21	V. Roshanaei, B. Naderi	Solving integrated operating room planning and scheduling: Logic-based Benders decomposition versus Branch-Price-and-Cut	No	[642]	2021	European Journal of Operational Research	null	15	44	No	1747

D.35 8 Works by Gabriela P. Henning

Table 59: Works from bibtex (Total 8)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
NovaraNH16 NovaraNH16	Franco M. Novara, Juan M. Novas, Gabriela P. Henning	A novel constraint programming model for large-scale scheduling problems in multiproduct multistage batch plants: Limited resources and campaign-based operation	Yes	[571]	2016	Computers Chemical Engineering	17	18	31	1580	1836
NovasH14 NovasH14	Juan M. Novas, Gabriela P. Henning	Integrated scheduling of resource-constrained flexible manufacturing systems using constraint programming	Yes	[575]	2014	Expert Syst. Appl.	14	35	26	1584	1862
NovasH12 NovasH12	Juan M. Novas, Gabriela P. Henning	A comprehensive constraint programming approach for the rolling horizon-based scheduling of automated wet-etch stations	Yes	[574]	2012	Computers Chemical Engineering	17	17	15	1583	1882
ZeballosNH11 ZeballosNH11	Luis J. Zeballos, Juan M. Novas, Gabriela P. Henning	A CP formulation for scheduling multiproduct multistage batch plants	No	[789]	2011	Computers Chemical Engineering	null	26	29	No	1904
NovasH10 NovasH10	Juan M. Novas, Gabriela P. Henning	Reactive scheduling framework based on domain knowledge and constraint programming	Yes	[573]	2010	Computers Chemical Engineering	20	48	19	1582	1912
ZeballosQH10 ZeballosQH10	L. Zeballos, O. Quiroga, Gabriela P. Henning	A constraint programming model for the scheduling of flexible manufacturing systems with machine and tool limitations	Yes	[787]	2010	Eng. Appl. Artif. Intell.	20	33	28	1653	1916
QuirogaZH05 QuirogaZH05	O. Quiroga, L. Zeballos, Gabriela P. Henning	A Constraint Programming Approach to Tool Allocation and Resource Scheduling in FMS	Yes	[623]	2005	ICRA 2005	6	2	7	613	972
ZeballosH05 ZeballosH05	L. Zeballos, Gabriela P. Henning	A Constraint Programming Approach to FMS Scheduling. Consideration of Storage and Transportation Resources	Yes	[786]	2005	Inteligencia Artif.	10	0	0	1652	1956

D.36 8 Works by Erwin Pesch

Table 60: Works from bibtex (Total 8)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
MullerMKP22 MullerMKP22	D. Müller, Marcus Gerhard Müller, D. Kress, E. Pesch	An algorithm selection approach for the flexible job shop scheduling problem: Choosing constraint programming solvers through machine learning	Yes	[547]	2022	European Journal of Operational Research	18	17	59	1569	1721
BlazewiczEP19 BlazewiczEP19	J. Blazewicz, Klaus H. Ecker, E. Pesch, G. Schmidt, M. Sterna, J. Weglarz	Constraint Programming and Disjunctive Scheduling	No	[119]	2019	Handbook on Scheduling	62	38	0	No	n/a
DomdorfPH03 DomdorfPH03	U. Domdorf, E. Pesch, Toản Phan Huy	Machine Learning by Schedule Decomposition — Prospects for an Integration of AI and OR Techniques for Job Shop Scheduling	No	[227]	2003	Advances in Evolutionary Computing	null	0	57	No	n/a
Dorndorf2000 Dorndorf2000	U. Dorndorf, E. Pesch, T. Phan-Huy	Constraint propagation techniques for the disjunctive scheduling problem	No	[231]	2000	Artificial Intelligence	null	47	33	No	1981
DorndorfHP99 DorndorfHP99	U. Dorndorf, Toản Phan Huy, E. Pesch	A Survey of Interval Capacity Consistency Tests for Time- and Resource-Constrained Scheduling	No	[229]	1999	Project Scheduling	null	18	20	No	n/a
DorndorfPH99 DorndorfPH99	U. Dorndorf, E. Pesch, Toản Phan Huy	Recent Developments in Scheduling	No	[230]	1999	Operations Research Proceedings 1999	null	0	34	No	1020
BlazewiczDP96 BlazewiczDP96	J. Błażewicz, W. Domschke, E. Pesch	The job shop scheduling problem: Conventional and new solution techniques	Yes	[157]	1996	European Journal of Operational Research	33	344	127	1442	2009
PeschT96 PeschT96	E. Pesch, Ulrich A. W. Tetzlaff	Constraint Propagation Based Scheduling of Job Shops	No	[604]	1996	INFORMS Journal on Computing	null	22	0	No	2011

D.37 8 Works by Vahid Roshanaei

Table 61: Works from bibtex (Total 8)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
NaderiBZR23 NaderiBZR23	B. Naderi, Mehmet A. Begen, Gregory S. Zaric, V. Roshanaei	A novel and efficient exact technique for integrated staffing, assignment, routing, and scheduling of home care services under uncertainty	No	[553]	2023	Omega	1	4	64	No	1696
NaderiIRR23 NaderiIRR23	B. Naderi, R. Ruiz, V. Roshanaei	Mixed-Integer Programming vs. Constraint Programming for Shop Scheduling Problems: New Results and Outlook	Yes	[558]	2023	INFORMS Journal on Computing	27	2	50	1573	1697
NaderiR22 NaderiR22	B. Naderi, V. Roshanaei	Critical-Path-Search Logic-Based Benders Decomposition Approaches for Flexible Job Shop Scheduling	No	[556]	2022	INFORMS Journal on Optimization	null	5	49	No	1724
NaderiRBAU21 NaderiRBAU21	B. Naderi, V. Roshanaei, Mehmet A. Begen, Dionne M. Aleman, David R. Urbach	Increased Surgical Capacity without Additional Resources: Generalized Operating Room Planning and Scheduling	No	[557]	2021	Production and Operations Management	null	22	61	No	1743
RoshanaeiN21 RoshanaeiN21	V. Roshanaei, B. Naderi	Solving integrated operating room planning and scheduling: Logic-based Benders decomposition versus Branch-Price-and-Cut	No	[642]	2021	European Journal of Operational Research	null	15	44	No	1747
RoshanaeiBAUB20 RoshanaeiBAUB20	V. Roshanaei, Kyle E.C. Booth, Dionne M. Aleman, David R. Urbach, J. Christopher Beck	Branch-and-check methods for multi-level operating room planning and scheduling	Yes	[639]	2020	International Journal of Production Economics	19	24	43	1607	1771
RoshanaeiLAU17 RoshanaeiLAU17	V. Roshanaei, C. Luong, Dionne M. Aleman, D. Urbach	Propagating logic-based Benders' decomposition approaches for distributed operating room scheduling	Yes	[640]	2017	European Journal of Operational Research	17	61	46	1608	1822
RoshanaeiLAU17a RoshanaeiLAU17a	V. Roshanaei, C. Luong, Dionne M. Aleman, David R. Urbach	Collaborative Operating Room Planning and Scheduling	No	[641]	2017	INFORMS Journal on Computing	null	54	42	No	1823

D.38 8 Works by Mark S. Fox

Table 62: Works from bibtex (Total 8)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School		Pages	Nr Cites	Nr Refs	b	c
BeckF00 BeckF00	J. Christopher Beck, Mark S. Fox	Dynamic problem structure analysis as a basis for constraint-directed scheduling heuristics	Yes	[86]	2000	Artificial intelligence	Intelli-	51	24	19	1428	1978
BeckF00a BeckF00a	J. Christopher Beck, Mark S. Fox	Constraint-directed techniques for scheduling alternative activities	No	[85]	2000	Artificial intelligence	Intelli-	null	48	10	No	1979
BeckDDF98 BeckDDF98	J. Christopher Beck, Andrew J. Davenport, Eugene D. Davis, Mark S. Fox	The ODO project: toward a unified basis for constraint-directed scheduling	No	[81]	1998	Journal of Schedul- ing		null	9	0	No	1998
BeckF98 BeckF98	J. Christopher Beck, Mark S. Fox	A Generic Framework for Constraint-Directed Search and Scheduling	Yes	[84]	1998	AI Mag.		30	0	0	1429	1999
BeckDF97 BeckDF97	J. Christopher Beck, Andrew J. Davenport, Mark S. Fox	Five Pitfalls of Empirical Scheduling Research	Yes	[82]	1997	CP 1997		15	3	12	388	1029
SadehF96 SadehF96	N. Sadeh, Mark S. Fox	Variable and value ordering heuristics for the job shop scheduling constraint satisfaction problem	No	[646]	1996	Artificial intelligence	Intelli-	null	95	17	No	2012
FoxS90 FoxS90	Mark S. Fox, Norman M. Sadeh	Why is Scheduling Difficult? A CSP Perspective	Yes	[270]	1990	ECAI 1990		14	0	0	467	1048
FoxAS82 FoxAS82	Mark S. Fox, Bradley P. Allen, G. Strohm	Job-Shop Scheduling: An Investigation in Constraint-Directed Reasoning	Yes	[269]	1982	AAAI 1982		4	0	0	466	1049

D.39 7 Works by Diarmuid Grimes

Table 63: Works from bibtex (Total 7)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
AntunesABD20 AntunesABD20	M. Antunes, V. Armant, Kenneth N. Brown, Daniel A. Desmond, G. Escamocher, A. George, D. Grimes, M. O'Keeffe, Y. Lin, B. O'Sullivan, C. Öztürk, L. Quesada, M. Siala, H. Simonis, N. Wilson	Assigning and Scheduling Service Visits in a Mixed Urban/Rural Setting	Yes	[24]	2020	Int. J. Artif. Intell. Tools	31	0	16	1412	1752
AntunesABD18 AntunesABD18	M. Antunes, V. Armant, Kenneth N. Brown, Daniel A. Desmond, G. Escamocher, A. George, D. Grimes, M. O'Keeffe, Y. Lin, B. O'Sullivan, C. Öztürk, L. Quesada, M. Siala, H. Simonis, N. Wilson	Assigning and Scheduling Service Visits in a Mixed Urban/Rural Setting	Yes	[23]	2018	ICTAI 2018	8	1	24	362	768
GrimesH15 GrimesH15	D. Grimes, E. Hebrard	Solving Variants of the Job Shop Scheduling Problem Through Conflict-Directed Search	Yes	[319]	2015	INFORMS Journal on Computing	17	12	41	1488	1846
GrimesIOS14 GrimesIOS14	D. Grimes, G. Ifrim, B. O'Sullivan, H. Simonis	Analyzing the impact of electricity price forecasting on energy cost-aware scheduling	Yes	[321]	2014	Sustain. Comput. Informatics Syst.	16	6	7	1489	1858
GrimesH11 GrimesH11	D. Grimes, E. Hebrard	Models and Strategies for Variants of the Job Shop Scheduling Problem	Yes	[318]	2011	CP 2011	17	5	18	495	887
GrimesH10 GrimesH10	D. Grimes, E. Hebrard	Job Shop Scheduling with Setup Times and Maximal Time-Lags: A Simple Constraint Programming Approach	Yes	[317]	2010	CPAIOR 2010	15	13	20	494	902
GrimesHM09 GrimesHM09	D. Grimes, E. Hebrard, A. Malapert	Closing the Open Shop: Contradicting Conventional Wisdom	Yes	[320]	2009	CP 2009	9	15	12	496	911

D.40 7 Works by Zdenek Hanzálek

Table 64: Works from bibtex (Total 7)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
Mehdizadeh-Somarin23 Mehdizadeh-Somarin23	Z. Mehdizadeh-Somarin, R. Tavakkoli-Moghaddam, M. Rohaninejad, Z. Hanzálek, Behdin Vahedi Nouri	A Constraint Programming Model for a Reconfigurable Job Shop Scheduling Problem with Machine Availability	Yes	[522]	2023	APMS 2023	14	0	0	579	705
abs-2305-19888 abs-2305-19888	V. Heinz, A. Novák, M. Vlk, Z. Hanzálek	Constraint Programming and Constructive Heuristics for Parallel Machine Scheduling with Sequence-Dependent Setups and Common Servers	Yes	[365]	2023	CoRR	42	0	0	1667	1703
HeinzNVH22 HeinzNVH22	V. Heinz, A. Novák, M. Vlk, Z. Hanzálek	Constraint Programming and constructive heuristics for parallel machine scheduling with sequence-dependent setups and common servers	Yes	[364]	2022	Computers Indus- trial Engineering	16	5	25	1504	1716
VlkHT21 VlkHT21	M. Vlk, Z. Hanzálek, S. Tang	Constraint programming approaches to joint routing and scheduling in time-sensitive networks	Yes	[750]	2021	Computers Indus- trial Engineering	14	7	22	1640	1748
BenediktMH20 BenediktMH20	O. Benedikt, I. Módos, Z. Hanzálek	Power of pre-processing: production scheduling with variable energy pricing and power-saving states	Yes	[105]	2020	Constraints An Int. J.	19	1	18	1438	1756
BenediktSMVH18 BenediktSMVH18	O. Benedikt, P. Sucha, I. Módos, M. Vlk, Z. Hanzálek	Energy-Aware Production Scheduling with Power-Saving Modes	Yes	[106]	2018	CPAIOR 2018	10	2	12	398	771
KelbelH11 KelbelH11	J. Kelbel, Z. Hanzálek	Solving production scheduling with earliness/tardiness penalties by constraint programming	Yes	[421]	2011	Journal of Intelli- gent Manufacturing	10	12	14	1524	1895

D.41 7 Works by András Kovács

Table 65: Works from bibtex (Total 7)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
KovacsB11 KovacsB11	A. Kovács, J. Christopher Beck	A global constraint for total weighted completion time for unary resources	Yes	[436]	2011	Constraints An Int. J.	24	4	26	1529	1896
KovacsK11 KovacsK11	A. Kovács, T. Kis	Constraint programming approach to a bilevel scheduling problem	Yes	[438]	2011	Constraints An Int. J.	24	3	24	1530	1897
KovacsB08 KovacsB08	A. Kovács, J. Christopher Beck	A global constraint for total weighted completion time for cumulative resources	Yes	[435]	2008	Eng. Appl. Artif. Intell.	7	5	14	1528	1932
KovacsB07 KovacsB07	A. Kovács, J. Christopher Beck	A Global Constraint for Total Weighted Completion Time	Yes	[434]	2007	CPAIOR 2007	15	2	12	539	941
KovacsV06 KovacsV06	A. Kovács, J. Váncza	Progressive Solutions: A Simple but Efficient Dominance Rule for Practical RCPSP	Yes	[440]	2006	CPAIOR 2006	13	2	7	543	951
KovacsEKV05 KovacsEKV05	A. Kovács, P. Egri, T. Kis, J. Váncza	Proterv-II: An Integrated Production Planning and Scheduling System	Yes	[437]	2005	CP 2005	1	2	3	540	970
KovacsV04 KovacsV04	A. Kovács, J. Váncza	Completable Partial Solutions in Constraint Programming and Constraint-Based Scheduling	Yes	[439]	2004	CP 2004	15	3	12	542	983

D.42 7 Works by Arnaud Malapert

Table 66: Works from bibtex (Total 7)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
BonninMNE24 BonninMNE24	C. Bonnin, A. Malapert, M. Nattaf, M. Espinouse	Toward a Global Constraint for Minimizing the Flowtime	Yes	[138]	2024	ICORES 2024	12	0	0	418	697
NattafM20 NattafM20	M. Nattaf, A. Malapert	Filtering Rules for Flow Time Minimization in a Parallel Machine Scheduling Problem	Yes	[565]	2020	CP 2020	16	0	6	592	748
MalapertN19 MalapertN19	A. Malapert, M. Nattaf	A New CP-Approach for a Parallel Machine Scheduling Problem with Time Constraints on Machine Qualifications	Yes	[512]	2019	CPAIOR 2019	17	1	7	577	763
MalapertCGJLR13 MalapertCGJLR13	A. Malapert, H. Cambazard, C. Gu��ret, N. Jussien, A. Langevin, L. Rousseau	An Optimal Constraint Programming Approach to the Open-Shop Problem	Yes	[511]	2013	ICAPS 2013	2	0	0	576	861
MalapertCGJLR12 MalapertCGJLR12	A. Malapert, H. Cambazard, C. Gu��ret, N. Jussien, A. Langevin, L. Rousseau	An Optimal Constraint Programming Approach to the Open-Shop Problem	Yes	[510]	2012	INFORMS Journal on Computing	17	23	21	1554	1880
Malapert11 Malapert11	A. Malapert	Techniques d'ordonnancement d'atelier et de fourn��es bas��es sur la programmation par contraintes. (Shop and batch scheduling with constraints)	Yes	[509]	2011	��cole des mines de Nantes, France	194	0	0	3219	n/a
GrimesHM09 GrimesHM09	D. Grimes, E. Hebrard, A. Malapert	Closing the Open Shop: Contradicting Conventional Wisdom	Yes	[320]	2009	CP 2009	9	15	12	496	911

D.43 7 Works by Barry O’Sullivan

Table 67: Works from bibtex (Total 7)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
ArmstrongGOS22	E. Armstrong, M. Garraffa, B. O’Sullivan, H. Simonis	A Two-Phase Hybrid Approach for the Hybrid Flexible Flowshop with Transportation Times	Yes	[33]	2022	CPAIOR 2022	13	0	14	367	713
ArmstrongGOS21	E. Armstrong, M. Garraffa, B. O’Sullivan, H. Simonis	The Hybrid Flexible Flowshop with Transportation Times	Yes	[32]	2021	CP 2021	18	1	0	366	730
AntunesABD20	M. Antunes, V. Armant, Kenneth N. Brown, Daniel A. Desmond, G. Escamocher, A. George, D. Grimes, M. O’Keeffe, Y. Lin, B. O’Sullivan, C. Öztürk, L. Quesada, M. Siala, H. Simonis, N. Wilson	Assigning and Scheduling Service Visits in a Mixed Urban/Rural Setting	Yes	[24]	2020	Int. J. Artif. Intell. Tools	31	0	16	1412	1752
AntunesABD18	M. Antunes, V. Armant, Kenneth N. Brown, Daniel A. Desmond, G. Escamocher, A. George, D. Grimes, M. O’Keeffe, Y. Lin, B. O’Sullivan, C. Öztürk, L. Quesada, M. Siala, H. Simonis, N. Wilson	Assigning and Scheduling Service Visits in a Mixed Urban/Rural Setting	Yes	[23]	2018	ICTAI 2018	8	1	24	362	768
HurleyOS16	B. Hurley, B. O’Sullivan, H. Simonis	ICON Loop Energy Show Case	Yes	[396]	2016	Data Mining and Constraint Programming - Foundations of a Cross-Disciplinary Approach	14	0	16	3252	n/a
GrimesIOS14	D. Grimes, G. Ifrim, B. O’Sullivan, H. Simonis	Analyzing the impact of electricity price forecasting on energy cost-aware scheduling	Yes	[321]	2014	Sustain. Comput. Informatics Syst.	16	6	7	1489	1858
IfrimOS12	G. Ifrim, B. O’Sullivan, H. Simonis	Properties of Energy-Price Forecasts for Scheduling	Yes	[397]	2012	CP 2012	16	6	20	522	872

D.44 6 Works by Hadrien Cambazard

Table 68: Works from bibtex (Total 6)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
CatusseCBL16	N. Catusse, H. Cambazard, N. Brauner, P.	A Branch-and-Price Algorithm for Scheduling	Yes	[175]	2016	IJCAI 2016	7	0	0	431	802
CatusseCBL16	Lemaire, B. Penz, A. Lagrange, P. Rubini	Observations on a Telescope									
MalapertCGJLR13	A. Malapert, H. Cambazard, C. Gu��ret, N.	An Optimal Constraint Programming Approach to	Yes	[511]	2013	ICAPS 2013	2	0	0	576	861
MalapertCGJLR13	Jussien, A. Langevin, L. Rousseau	the Open-Shop Problem									
MalapertCGJLR12	A. Malapert, H. Cambazard, C. Gu��ret, N.	An Optimal Constraint Programming Approach to	Yes	[510]	2012	INFORMS Journal	17	23	21	1554	1880
MalapertCGJLR12	Jussien, A. Langevin, L. Rousseau	the Open-Shop Problem				on Computing					
HladikCDJ08	P. Hladik, H. Cambazard, A. D��planche, N.	Solving a real-time allocation problem with	No	[374]	2008	Journal of Systems	null	36	27	No	1931
HladikCDJ08	Jussien	constraint programming				and Software					
CambazardJ05	H. Cambazard, N. Jussien	Integrating Benders Decomposition Within	Yes	[161]	2005	CP 2005	5	6	8	426	959
CambazardJ05		Constraint Programming									
CambazardHDJT04	H. Cambazard, P. Hladik, A. D��planche, N.	Decomposition and Learning for a Hard Real Time	Yes	[160]	2004	CP 2004	15	33	13	425	980
CambazardHDJT04	Jussien, Y. Trinquet	Task Allocation Problem									

D.45 6 Works by Yves Deville

Table 69: Works from bibtex (Total 6)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
DejemeppeD14 DejemeppeD14	C. Dejemeppe, Y. Deville	Continuously Degrading Resource and Interval Dependent Activity Durations in Nuclear Medicine Patient Scheduling	Yes	[215]	2014	CPAIOR 2014	9	0	7	448	842
HoundjiSWD14 HoundjiSWD14	Vinasétan Ratheil Houndji, P. Schaus, Laurence A. Wolsey, Y. Deville	The StockingCost Constraint	Yes	[394]	2014	CP 2014	16	5	7	521	848
SchausHMCMD11 SchausHMCMD11	P. Schaus, Pascal Van Hentenryck, J. Monette, C. Coffrin, L. Michel, Y. Deville	Solving Steel Mill Slab Problems with constraint-based techniques: CP, LNS, and CBLS	Yes	[651]	2011	Constraints An Int. J.	23	14	5	1613	1900
MonetteDH09 MonetteDH09	J. Monette, Y. Deville, Pascal Van Hentenryck	Just-In-Time Scheduling with Constraint Programming	Yes	[541]	2009	ICAPS 2009	8	9	0	584	914
SchausD08 SchausD08	P. Schaus, Y. Deville	A Global Constraint for Bin-Packing with Precedences: Application to the Assembly Line Balancing Problem	Yes	[650]	2008	AAAI 2008	6	0	0	622	933
MonetteDD07 MonetteDD07	J. Monette, Y. Deville, P. Dupont	A Position-Based Propagator for the Open-Shop Problem	Yes	[540]	2007	CPAIOR 2007	14	0	12	583	944

D.46 6 Works by Ignacio E. Grossmann

Table 70: Works from bibtex (Total 6)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
HarjunkoskiMBC14 HarjunkoskiMBC14	I. Harjunkoski, Christos T. Maravelias, P. Bongers, Pedro M. Castro, S. Engell, Ignacio E. Grossmann, John N. Hooker, C. Méndez, G. Sand, J. Wassick	Scope for industrial applications of production scheduling models and solution methods	Yes	[347]	2014	Computers Chemical Engineering	33	381	176	1500	1859
CastroGR10 CastroGR10	Pedro M. Castro, Ignacio E. Grossmann, L. Rousseau	Decomposition Techniques for Hybrid MILP/CP Models applied to Scheduling and Routing Problems	No	[174]	2010	Hybrid Optimization	null	0	67	No	n/a
MaraveliasCG04 MaraveliasCG04	Christos T. Maravelias, Ignacio E. Grossmann	A hybrid MILP/CP decomposition approach for the continuous time scheduling of multipurpose batch plants	No	[515]	2004	Computers Chemical Engineering	null	116	24	No	1957
MaraveliasG04 MaraveliasG04	Christos T. Maravelias, Ignacio E. Grossmann	Using MILP and CP for the Scheduling of Batch Chemical Processes	Yes	[516]	2004	CPAIOR 2004	20	15	15	578	985
HarjunkoskiG02 HarjunkoskiG02	I. Harjunkoski, Ignacio E. Grossmann	Decomposition techniques for multistage scheduling problems using mixed-integer and constraint programming methods	Yes	[345]	2002	Computers Chemical Engineering	20	169	11	1499	1965
JainG01 JainG01	V. Jain, Ignacio E. Grossmann	Algorithms for Hybrid MILP/CP Models for a Class of Optimization Problems	Yes	[401]	2001	INFORMS Journal on Computing	19	279	23	1516	1973

D.47 6 Works by Jeremy Frank

Table 71: Works from bibtex (Total 6)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
FrankDT16 FrankDT16	J. Frank, M. Do, Tony T. Tran	Scheduling Ocean Color Observations for a GEO-Stationary Satellite	Yes	[271]	2016	ICAPS 2016	9	4	0	468	805
TranDRFWOVB16 TranDRFWOVB16	Tony T. Tran, M. Do, Eleanor Gilbert Rieffel, J. Frank, Z. Wang, B. O’Gorman, D. Venturelli, J. Christopher Beck	A Hybrid Quantum-Classical Approach to Solving Scheduling Problems	Yes	[721]	2016	SOCS 2016	9	3	0	656	816
TranWDRFOVB16 TranWDRFOVB16	Tony T. Tran, Z. Wang, M. Do, Eleanor Gilbert Rieffel, J. Frank, B. O’Gorman, D. Venturelli, J. Christopher Beck	Explorations of Quantum-Classical Approaches to Scheduling a Mars Lander Activity Problem	Yes	[726]	2016	AAAI 2016	9	0	0	659	817
ReddyFIBKAJ11 ReddyFIBKAJ11	Sudhakar Y. Reddy, J. Frank, M. Iatauro, Matthew E. Boyce, E. Kürklü, M. Ai-Chang, Ari K. Jónsson	Planning solar array operations on the international space station	No	[626]	2011	ACM Trans. Intell. Syst. Technol.	24	3	8	No	1899
FrankK05 FrankK05	J. Frank, E. Kürklü	Mixed Discrete and Continuous Algorithms for Scheduling Airborne Astronomy Observations	Yes	[273]	2005	CPAIOR 2005	18	4	4	470	964
FrankK03 FrankK03	J. Frank, E. Kürklü	SOFIA’s Choice: Scheduling Observations for an Airborne Observatory	Yes	[272]	2003	ICAPS 2003	10	0	0	469	995

D.48 6 Works by Andy Ham

Table 72: Works from bibtex (Total 6)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
HamP21 HamP21	A. Ham, M. Park	Human–Robot Task Allocation and Scheduling: Boeing 777 Case Study	No	[339]	2021	IEEE Robotics and Automation Letters	null	13	26	No	1738
HamPK21 HamPK21	A. Ham, M. Park, Kyung Min Kim	Energy-Aware Flexible Job Shop Scheduling Using Mixed Integer Programming and Constraint Programming	Yes	[340]	2021	Mathematical Problems in Engineering	12	6	46	1498	1739
Ham20 Ham20	A. Ham	Transfer-robot task scheduling in job shop	No	[337]	2020	International Journal of Production Research	null	15	27	No	1762
Ham20a Ham20a	A. Ham	Drone-Based Material Transfer System in a Robotic Mobile Fulfillment Center	No	[336]	2020	IEEE Transactions on Automation Science and Engineering	null	15	27	No	1763
Ham18a Ham18a	A. Ham	Scheduling of Dual Resource Constrained Lithography Production: Using CP and MIP/CP	Yes	[335]	2018	IEEE Transactions on Semiconductor Manufacturing	10	20	21	1496	1807
HamFC17 HamFC17	A. Ham, John W. Fowler, E. Cakici	Constraint Programming Approach for Scheduling Jobs With Release Times, Non-Identical Sizes, and Incompatible Families on Parallel Batching Machines	No	[338]	2017	IEEE Transactions on Semiconductor Manufacturing	null	21	28	No	1818

D.49 6 Works by Stefan Heinz

Table 73: Works from bibtex (Total 6)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
HeinzKB13 HeinzKB13	S. Heinz, W. Ku, J. Christopher Beck	Recent Improvements Using Constraint Integer Programming for Resource Allocation and Scheduling	Yes	[360]	2013	CPAIOR 2013	16	9	15	508	857
HeinzSB13 HeinzSB13	S. Heinz, J. Schulz, J. Christopher Beck	Using dual presolving reductions to reformulate cumulative constraints	Yes	[363]	2013	Constraints An Int. J.	36	7	31	1505	1868
HeinzB12 HeinzB12	S. Heinz, J. Christopher Beck	Reconsidering Mixed Integer Programming and MIP-Based Hybrids for Scheduling	Yes	[359]	2012	CPAIOR 2012	17	8	21	507	871
HeinzSSW12 HeinzSSW12	S. Heinz, T. Schlechte, R. Stephan, M. Winkler	Solving steel mill slab design problems	Yes	[361]	2012	Constraints An Int. J.	12	10	9	1506	1876
HeinzS11 HeinzS11	S. Heinz, J. Schulz	Explanations for the Cumulative Constraint: An Experimental Study	Yes	[362]	2011	SEA 2011	10	5	12	509	888
BertholdHMLS10 BertholdHMLS10	T. Berthold, S. Heinz, Marco E. Lübbecke, Rolf H. Möhring, J. Schulz	A Constraint Integer Programming Approach for Resource-Constrained Project Scheduling	Yes	[114]	2010	CPAIOR 2010	5	28	10	404	899

D.50 6 Works by Brahim Hnich

Table 74: Works from bibtex (Total 6)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
GokgurHO18 GokgurHO18	B. Gökgür, B. Hnich, S. Özpeynirci	Parallel machine scheduling with tool loading: a constraint programming approach	Yes	[308]	2018	International Journal of Production Research	17	31	43	1484	1803
OzturkTHO15 OzturkTHO15	C. Öztürk, S. Tunali, B. Hnich, A. Örnek	Cyclic scheduling of flexible mixed model assembly lines with parallel stations	Yes	[591]	2015	Journal of Manufacturing Systems	12	27	17	1593	1850
OzturkTHO13 OzturkTHO13	C. Öztürk, S. Tunali, B. Hnich, A. Örnek	Balancing and scheduling of flexible mixed model assembly lines	Yes	[590]	2013	Constraints An Int. J.	36	31	44	1592	1872
OzturkTHO12 OzturkTHO12	C. Öztürk, S. Tunali, B. Hnich, A. Örnek	A Constraint Programming Model for Balancing and Scheduling of Flexible Mixed Model Assembly Lines with Parallel Stations	Yes	[588]	2012	IFAC Proceedings Volumes	6	5	5	1591	1883
OzturkTHO10 OzturkTHO10	C. Öztürk, S. Tunali, B. Hnich, A. Örnek	Simultaneous Balancing and Scheduling of Flexible Mixed Model Assembly Lines with Sequence-Dependent Setup Times	Yes	[589]	2010	Electronic Notes in Discrete Mathematics	8	15	1	1590	1913
RossiTHP07 RossiTHP07	R. Rossi, A. Tarim, B. Hnich, Steven D. Prestwich	Replenishment Planning for Stochastic Inventory Systems with Shortage Cost	Yes	[643]	2007	CPAIOR 2007	15	6	10	620	946

D.51 6 Works by Juan M. Novas

Table 75: Works from bibtex (Total 6)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
Novas19 Novas19	Juan M. Novas	Production scheduling and lot streaming at flexible job-shops environments using constraint programming	Yes	[572]	2019	Computers Industrial Engineering	13	30	29	1581	1786
NovaraNH16 NovaraNH16	Franco M. Novara, Juan M. Novas, Gabriela P. Henning	A novel constraint programming model for large-scale scheduling problems in multiproduct multistage batch plants: Limited resources and campaign-based operation	Yes	[571]	2016	Computers Chemical Engineering	17	18	31	1580	1836
NovasH14 NovasH14	Juan M. Novas, Gabriela P. Henning	Integrated scheduling of resource-constrained flexible manufacturing systems using constraint programming	Yes	[575]	2014	Expert Syst. Appl.	14	35	26	1584	1862
NovasH12 NovasH12	Juan M. Novas, Gabriela P. Henning	A comprehensive constraint programming approach for the rolling horizon-based scheduling of automated wet-etch stations	Yes	[574]	2012	Computers Chemical Engineering	17	17	15	1583	1882
ZeballosNH11 ZeballosNH11	Luis J. Zeballos, Juan M. Novas, Gabriela P. Henning	A CP formulation for scheduling multiproduct multistage batch plants	No	[789]	2011	Computers Chemical Engineering	null	26	29	No	1904
NovasH10 NovasH10	Juan M. Novas, Gabriela P. Henning	Reactive scheduling framework based on domain knowledge and constraint programming	Yes	[573]	2010	Computers Chemical Engineering	20	48	19	1582	1912

D.52 6 Works by Gilles Pesant

Table 76: Works from bibtex (Total 6)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
AalianPG23 AalianPG23	Y. Aalian, G. Pesant, M. Gamache	Optimization of Short-Term Underground Mine Planning Using Constraint Programming	Yes	[1]	2023	CP 2023	16	0	0	354	698
DoulabiRP16 DoulabiRP16	Seyed Hossein Hashemi Doulabi, L. Rousseau, G. Pesant	A Constraint-Programming-Based Branch-and-Price-and-Cut Approach for Operating Room Planning and Scheduling	Yes	[233]	2016	INFORMS Journal on Computing	17	56	28	1465	1831
PesantRR15 PesantRR15	G. Pesant, G. Rix, L. Rousseau	A Comparative Study of MIP and CP Formulations for the B2B Scheduling Optimization Problem	Yes	[603]	2015	CPAIOR 2015	16	1	7	605	832
DoulabiRP14 DoulabiRP14	Seyed Hossein Hashemi Doulabi, L. Rousseau, G. Pesant	A Constraint Programming-Based Column Generation Approach for Operating Room Planning and Scheduling	Yes	[232]	2014	CPAIOR 2014	9	3	10	455	845
BourdaisGP03 BourdaisGP03	S. Bourdais, P. Galinier, G. Pesant	HIBISCUS: A Constraint Programming Application to Staff Scheduling in Health Care	Yes	[145]	2003	CP 2003	15	29	5	421	993
PesantGPR99 PesantGPR99	G. Pesant, M. Gendreau, J. Potvin, J. Rousseau	On the flexibility of constraint programming models: From single to multiple time windows for the traveling salesman problem	No	[602]	1999	European Journal of Operational Research	null	26	18	No	1996

D.53 6 Works by Emmanuel Poder

Table 77: Works from bibtex (Total 6)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
BeldiceanuCDP11	N. Beldiceanu, M. Carlsson, S. Demassey, E. Poder	New filtering for the <i>cumulative</i> constraint in the context of non-overlapping rectangles	Yes	[98]	2011	Annals of Operations Research	24	8	8	1436	1889
BeldiceanuCDP11 abs-0907-0939 abs-0907-0939	T. Petit, E. Poder	The Soft Cumulative Constraint	Yes	[605]	2009	CoRR	12	0	0	1659	1927
BeldiceanuCP08	N. Beldiceanu, M. Carlsson, E. Poder	New Filtering for the cumulative Constraint in the Context of Non-Overlapping Rectangles	Yes	[99]	2008	CPAIOR 2008	15	8	9	395	924
BeldiceanuCP08 PoderB08 PoderB08	E. Poder, N. Beldiceanu	Filtering for a Continuous Multi-Resources cumulative Constraint with Resource Consumption and Production	Yes	[607]	2008	ICAPS 2008	8	0	0	606	932
BeldiceanuP07	N. Beldiceanu, E. Poder	A Continuous Multi-resources <i>cumulative</i> Constraint with Positive-Negative Resource Consumption-Production	Yes	[101]	2007	CPAIOR 2007	15	4	7	396	936
BeldiceanuP07 PoderBS04 PoderBS04	E. Poder, N. Beldiceanu, E. Sanlaville	Computing a lower approximation of the compulsory part of a task with varying duration and varying resource consumption	Yes	[608]	2004	European Journal of Operational Research	16	7	8	1598	1958

D.54 6 Works by Arslan Örnek

Table 78: Works from bibtex (Total 6)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
OrnekOS20 OrnekOS20	A. Örnek, C. Öztürk, I. Sugut	Integer and constraint programming model formulations for flight-gate assignment problem	Yes	[583]	2022	Operational Re- search	29	0	0	1589	1725
OrnekO16 OrnekO16	A. Örnek, C. Öztürk	Optimisation and Constraint Based Heuristic Methods for Advanced Planning and Scheduling Systems	Yes	[582]	2016	International Journal of Industrial Engineering: Theory, Applications and Practice	25	0	0	1588	1837
OzturkTHO15 OzturkTHO15	C. Öztürk, S. Tunali, B. Hnich, A. Örnek	Cyclic scheduling of flexible mixed model assembly lines with parallel stations	Yes	[591]	2015	Journal of Manufacturing Systems	12	27	17	1593	1850
OzturkTHO13 OzturkTHO13	C. Öztürk, S. Tunali, B. Hnich, A. Örnek	Balancing and scheduling of flexible mixed model assembly lines	Yes	[590]	2013	Constraints An Int. J.	36	31	44	1592	1872
OzturkTHO12 OzturkTHO12	C. Öztürk, S. Tunali, B. Hnich, A. Örnek	A Constraint Programming Model for Balancing and Scheduling of Flexible Mixed Model Assembly Lines with Parallel Stations	Yes	[588]	2012	IFAC Proceedings Volumes	6	5	5	1591	1883
OzturkTHO10 OzturkTHO10	C. Öztürk, S. Tunali, B. Hnich, A. Örnek	Simultaneous Balancing and Scheduling of Flexible Mixed Model Assembly Lines with Sequence-Dependent Setup Times	Yes	[589]	2010	Electronic Notes in Discrete Mathematics	8	15	1	1590	1913

D.55 5 Works by André A. Ciré

Table 79: Works from bibtex (Total 5)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
CireCH16 CireCH16	André A. Ciré, E. Coban, John N. Hooker	Logic-based Benders decomposition for planning and scheduling: a computational analysis	Yes	[187]	2016	The Knowledge Engineering Review	12	15	21	1457	1830
CireCH13 CireCH13	André A. Ciré, E. Coban, John N. Hooker	Mixed Integer Programming vs. Logic-Based Benders Decomposition for Planning and Scheduling	Yes	[186]	2013	CPAIOR 2013	7	3	23	438	854
LopesCSM10 LopesCSM10	Tony Minoru Tamura Lopes, André A. Ciré, Cid Carvalho de Souza, Arnaldo Vieira Moura	A hybrid model for a multiproduct pipeline planning and scheduling problem	Yes	[493]	2010	Constraints An Int. J.	39	31	18	1549	1911
MouraSCL08 MouraSCL08	Arnaldo Vieira Moura, Cid C. de Souza, André A. Ciré, Tony Minoru Tamura Lopes	Planning and Scheduling the Operation of a Very Large Oil Pipeline Network	Yes	[546]	2008	CP 2008	16	11	10	586	930
MouraSCL08a MouraSCL08a	Arnaldo Vieira Moura, Cid C. de Souza, André A. Ciré, Tony Minoru Tamura Lopes	Heuristics and Constraint Programming Hybridizations for a Real Pipeline Planning and Scheduling Problem	Yes	[545]	2008	CSE 2008	8	5	14	587	931

D.56 5 Works by Mehmet A. Begen

Table 80: Works from bibtex (Total 5)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
NaderiBZ23 NaderiBZ23	B. Naderi, Mehmet A. Begen, G. Zhang	Integrated Order Acceptance and Resource Decisions Under Uncertainty: Robust and Stochastic Approaches	Yes	[555]	2023	SSRN	32	0	46	1572	1695
NaderiBZR23 NaderiBZR23	B. Naderi, Mehmet A. Begen, Gregory S. Zaric, V. Roshanaei	A novel and efficient exact technique for integrated staffing, assignment, routing, and scheduling of home care services under uncertainty	No	[553]	2023	Omega	1	4	64	No	1696
NaderiBZ22 NaderiBZ22	B. Naderi, Mehmet A. Begen, G. Zhang	Integrated Order Acceptance and Resource Decisions Under Uncertainty: Robust and Stochastic Approaches	Yes	[554]	2022	SSRN Electronic Journal	29	0	44	1570	1722
NaderiBZ22a NaderiBZ22a	B. Naderi, Mehmet A. Begen, Gregory S. Zaric	Type-2 integrated process-planning and scheduling problem: Reformulation and solution algorithms	Yes	[552]	2022	Computers Operations Research	19	3	44	1571	1723
NaderiRBAU21 NaderiRBAU21	B. Naderi, V. Roshanaei, Mehmet A. Begen, Dionne M. Aleman, David R. Urbach	Increased Surgical Capacity without Additional Resources: Generalized Operating Room Planning and Scheduling	No	[557]	2021	Production and Operations Management	null	22	61	No	1743

D.57 5 Works by Cyrille Dejemeppe

Table 81: Works from bibtex (Total 5)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
CauwelaertDS20 CauwelaertDS20	Sasha Van Cauwelaert, C. Dejemeppe, P. Schaus	An Efficient Filtering Algorithm for the Unary Resource Constraint with Transition Times and Optional Activities	Yes	[179]	2020	Journal of Scheduling	19	2	21	1454	1758
CauwelaertDMS16 CauwelaertDMS16 Dejemeppe16 Dejemeppe16	Sascha Van Cauwelaert, C. Dejemeppe, J. Monette, P. Schaus C. Dejemeppe	Efficient Filtering for the Unary Resource with Family-Based Transition Times Constraint programming algorithms and models for scheduling applications	Yes Yes	[176] [213]	2016 2016	CP 2016 Catholic University of Louvain, Louvain-la-Neuve, Belgium	16 274	1 0	12 0	432 3204	803 n/a
DejemeppeCS15 DejemeppeCS15	C. Dejemeppe, Sascha Van Cauwelaert, P. Schaus	The Unary Resource with Transition Times	Yes	[214]	2015	CP 2015	16	5	11	447	822
DejemeppeD14 DejemeppeD14	C. Dejemeppe, Y. Deville	Continuously Degrading Resource and Interval Dependent Activity Durations in Nuclear Medicine Patient Scheduling	Yes	[215]	2014	CPAIOR 2014	9	0	7	448	842

D.58 5 Works by Sophie Demassey

Table 82: Works from bibtex (Total 5)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
BeldiceanuCDP11	N. Beldiceanu, M. Carlsson, S. Demassey, E. Poder	New filtering for the <i>cumulative</i> constraint in the context of non-overlapping rectangles	Yes	[98]	2011	Annals of Operations Research	24	8	8	1436	1889
HermenierDL11	F. Hermenier, S. Demassey, X. Lorca	Bin Repacking Scheduling in Virtualized Datacenters	Yes	[370]	2011	CP 2011	15	28	5	512	889
NeronABCDD06	E. Néron, C. Artigues, P. Baptiste, J. Carlier, J. Damay, S. Demassey, P. Laborie	Lower Bounds for Resource Constrained Project Scheduling Problem	No	[579]	2006	Perspectives in Modern Project Scheduling	null	3	34	No	n/a
DemasseyAM05	S. Demassey, C. Artigues, P. Michelon	Constraint-Propagation-Based Cutting Planes: An Application to the Resource-Constrained Project Scheduling Problem	Yes	[217]	2005	INFORMS Journal on Computing	18	43	25	1463	1952
Demassey03	S. Demassey	Méthodes hybrides de programmation par contraintes et programmation linéaire pour le problème d'ordonnancement de projet à contraintes de ressources. (Hybrid Constraint Programming-Integer Linear Programming approaches for the Resource-Constrained Project Scheduling Problem)	Yes	[216]	2003	University of Avignon, France	148	0	0	3205	n/a

D.59 5 Works by Hanyu Gu

Table 83: Works from bibtex (Total 5)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
EtminaniesfahaniGNMS22 EtminaniesfahaniGNMS22	A. Etminaniesfahani, H. Gu, Leila Moslemi Naeni, A. Salehipour	A Forward-Backward Relax-and-Solve Algorithm for the Resource-Constrained Project Scheduling Problem	Yes	[249]	2022	SN Computer Science	10	0	57	1469	1713
GuSSWC14 GuSSWC14	H. Gu, A. Schutt, Peter J. Stuckey, Mark G. Wallace, G. Chu	Exact and Heuristic Methods for the Resource-Constrained Net Present Value Problem	No	[328]	2014	Handbook on Project Management and Scheduling Vol.1	null	5	35	No	n/a
ThiruvadyWGS14 ThiruvadyWGS14	Dhananjay R. Thiruvady, Mark G. Wallace, H. Gu, A. Schutt	A Lagrangian relaxation and ACO hybrid for resource constrained project scheduling with discounted cash flows	Yes	[710]	2014	J. Heuristics	34	19	18	1630	1864
GuSS13 GuSS13	H. Gu, A. Schutt, Peter J. Stuckey	A Lagrangian Relaxation Based Forward-Backward Improvement Heuristic for Maximising the Net Present Value of Resource-Constrained Projects	Yes	[327]	2013	CPAIOR 2013	7	10	24	500	855
GuSW12 GuSW12	H. Gu, Peter J. Stuckey, Mark G. Wallace	Maximising the Net Present Value of Large Resource-Constrained Projects	Yes	[329]	2012	CP 2012	15	5	20	501	870

D.60 5 Works by Kenneth N. Brown

Table 84: Works from bibtex (Total 5)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
AntunesABD20 AntunesABD20	M. Antunes, V. Armant, Kenneth N. Brown, Daniel A. Desmond, G. Escamocher, A. George, D. Grimes, M. O'Keeffe, Y. Lin, B. O'Sullivan, C. Öztürk, L. Quesada, M. Siala, H. Simonis, N. Wilson	Assigning and Scheduling Service Visits in a Mixed Urban/Rural Setting	Yes	[24]	2020	Int. J. Artif. Intell. Tools	31	0	16	1412	1752
AntunesABD18 AntunesABD18	M. Antunes, V. Armant, Kenneth N. Brown, Daniel A. Desmond, G. Escamocher, A. George, D. Grimes, M. O'Keeffe, Y. Lin, B. O'Sullivan, C. Öztürk, L. Quesada, M. Siala, H. Simonis, N. Wilson	Assigning and Scheduling Service Visits in a Mixed Urban/Rural Setting	Yes	[23]	2018	ICTAI 2018	8	1	24	362	768
MurphyMB15 MurphyMB15	Seán Óg Murphy, O. Manzano, Kenneth N. Brown	Design and Evaluation of a Constraint-Based Energy Saving and Scheduling Recommender System	Yes	[549]	2015	CP 2015	17	1	20	589	831
WuBB09 WuBB09	Christine Wei Wu, Kenneth N. Brown, J. Christopher Beck	Scheduling with uncertain durations: Modeling beta-robust scheduling with constraints	Yes	[772]	2009	Computers Opera- tions Research	9	42	5	1645	1926
WuBB05 WuBB05	Christine Wei Wu, Kenneth N. Brown, J. Christopher Beck	Scheduling with Uncertain Start Dates	Yes	[771]	2005	CP 2005	1	0	0	684	977

D.61 5 Works by Goldie Nejat

Table 85: Works from bibtex (Total 5)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
TranVNB17 TranVNB17	Tony T. Tran, Tiago Stegun Vaquero, G. Nejat, J. Christopher Beck	Robots in Retirement Homes: Applying Off-the-Shelf Planning and Scheduling to a Team of Assistive Robots	Yes	[724]	2017	J. Artif. Intell. Res.	68	12	0	1636	1825
TranVNB17a TranVNB17a	Tony T. Tran, Tiago Stegun Vaquero, G. Nejat, J. Christopher Beck	Robots in Retirement Homes: Applying Off-the-Shelf Planning and Scheduling to a Team of Assistive Robots (Extended Abstract)	Yes	[725]	2017	IJCAI 2017	5	1	0	658	796
BoothNB16 BoothNB16	Kyle E. C. Booth, G. Nejat, J. Christopher Beck	A Constraint Programming Approach to Multi-Robot Task Allocation and Scheduling in Retirement Homes	Yes	[139]	2016	CP 2016	17	21	24	419	800
BoothTNB16 BoothTNB16	Kyle E. C. Booth, Tony T. Tran, G. Nejat, J. Christopher Beck	Mixed-Integer and Constraint Programming Techniques for Mobile Robot Task Planning	No	[140]	2016	IEEE Robotics and Automation Letters	null	27	21	No	1828
LouieVNB14 LouieVNB14	Wing-Yue Geoffrey Louie, Tiago Stegun Vaquero, G. Nejat, J. Christopher Beck	An autonomous assistive robot for planning, scheduling and facilitating multi-user activities	Yes	[496]	2014	ICRA 2014	7	16	9	569	851

D.62 5 Works by Joaquin Rodriguez

Table 86: Works from bibtex (Total 5)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
MarliereSPR23	G. Marlière, Sonia Sobieraj Richard, P.	A conditional time-intervals formulation of the	Yes	[517]	2023	Control Engineering	22	1	75	1556	1692
MarliereSPR23	Pellegrini, J. Rodriguez	real-time Railway Traffic Management Problem				Practice					
RodriguezS09	J. Rodriguez, S. Sobieraj	A study of an incremental texture-based heuristic	Yes	[637]	2009	Railway Operations	14	0	0	619	916
RodriguezS09		for the train routing and scheduling problem				Modelling and Anal- ysis 2009					
Rodriguez07	J. Rodriguez	A constraint programming model for real-time train	Yes	[634]	2007	Transportation	15	117	6	1605	1943
Rodriguez07		scheduling at junctions				Research Part B: Methodological					
Rodriguez07b	J. Rodriguez	A study of the use of state resources in a	Yes	[635]	2007	Railway Operations	14	0	0	618	945
Rodriguez07b		constraint-based model for routing and scheduling				Modelling and Anal- ysis 2007					
RodriguezDG02	J. Rodriguez, X. Delorme, X. Gandibleux	Railway infrastructure saturation using constraint	Yes	[636]	2002	Computers in Rail- ways VIII	10	0	0	1606	1970
RodriguezDG02		programming approach									

D.63 5 Works by Martino Ruggiero

Table 87: Works from bibtex (Total 5)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
BeniniLMR11	L. Benini, M. Lombardi, M. Milano, M. Ruggiero	Optimal resource allocation and scheduling for the CELL BE platform	Yes	[111]	2011	Annals of Operations Research	27	18	16	1439	1890
BeniniLMR11											
LombardiMRB10	M. Lombardi, M. Milano, M. Ruggiero, L. Benini	Stochastic allocation and scheduling for conditional task graphs in multi-processor systems-on-chip	Yes	[492]	2010	Journal of Scheduling	31	24	41	1548	1910
LombardiMRB10											
RuggieroBBMA09	M. Ruggiero, D. Bertozzi, L. Benini, M. Milano, A. Andrei	Reducing the Abstraction and Optimality Gaps in the Allocation and Scheduling for Variable Voltage/Frequency MPSoC Platforms	Yes	[644]	2009	IEEE Trans. Comput. Aided Des. Integr. Circuits Syst.	14	9	27	1609	1925
RuggieroBBMA09											
BeniniLMMR08	L. Benini, M. Lombardi, M. Mantovani, M. Milano, M. Ruggiero	Multi-stage Benders Decomposition for Optimizing Multicore Architectures	Yes	[109]	2008	CPAIOR 2008	15	12	13	401	925
BeniniLMMR08											
BeniniLMR08	L. Benini, M. Lombardi, M. Milano, M. Ruggiero	A Constraint Programming Approach for Allocation and Scheduling on the CELL Broadband Engine	Yes	[110]	2008	CP 2008	15	7	23	402	926
BeniniLMR08											

D.64 5 Works by Mohamed Siala

Table 88: Works from bibtex (Total 5)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
AntunesABD20 AntunesABD20	M. Antunes, V. Armant, Kenneth N. Brown, Daniel A. Desmond, G. Escamocher, A. George, D. Grimes, M. O'Keeffe, Y. Lin, B. O'Sullivan, C. Öztürk, L. Quesada, M. Siala, H. Simonis, N. Wilson	Assigning and Scheduling Service Visits in a Mixed Urban/Rural Setting	Yes	[24]	2020	Int. J. Artif. Intell. Tools	31	0	16	1412	1752
AntunesABD18 AntunesABD18	M. Antunes, V. Armant, Kenneth N. Brown, Daniel A. Desmond, G. Escamocher, A. George, D. Grimes, M. O'Keeffe, Y. Lin, B. O'Sullivan, C. Öztürk, L. Quesada, M. Siala, H. Simonis, N. Wilson	Assigning and Scheduling Service Visits in a Mixed Urban/Rural Setting	Yes	[23]	2018	ICTAI 2018	8	1	24	362	768
Siala15 Siala15	M. Siala	Search, propagation, and learning in sequencing and scheduling problems	Yes	[672]	2015	Constraints An Int. J.	2	4	0	1620	1852
Siala15a Siala15a	M. Siala	Search, propagation, and learning in sequencing and scheduling problems. (Recherche, propagation et apprentissage dans les problèmes de séquençement et d'ordonnancement)	Yes	[673]	2015	INSA France Toulouse,	199	0	0	3224	n/a
SialaAH15 SialaAH15	M. Siala, C. Artigues, E. Hebrard	Two Clause Learning Approaches for Disjunctive Scheduling	Yes	[674]	2015	CP 2015	10	4	17	631	834

D.65 5 Works by Marek Vlk

Table 89: Works from bibtex (Total 5)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
abs-2305-19888 abs-2305-19888	V. Heinz, A. Novák, M. Vlk, Z. Hanzálek	Constraint Programming and Constructive Heuristics for Parallel Machine Scheduling with Sequence-Dependent Setups and Common Servers	Yes	[365]	2023	CoRR	42	0	0	1667	1703
HeinzNVH22 HeinzNVH22	V. Heinz, A. Novák, M. Vlk, Z. Hanzálek	Constraint Programming and constructive heuristics for parallel machine scheduling with sequence-dependent setups and common servers	Yes	[364]	2022	Computers Industrial Engineering	16	5	25	1504	1716
VlkHT21 VlkHT21	M. Vlk, Z. Hanzálek, S. Tang	Constraint programming approaches to joint routing and scheduling in time-sensitive networks	Yes	[750]	2021	Computers Industrial Engineering	14	7	22	1640	1748
BenediktSMVH18 BenediktSMVH18	O. Benedikt, P. Sucha, I. Módos, M. Vlk, Z. Hanzálek	Energy-Aware Production Scheduling with Power-Saving Modes	Yes	[106]	2018	CPAIOR 2018	10	2	12	398	771
BartakV15 BartakV15	R. Barták, M. Vlk	Reactive Recovery from Machine Breakdown in Production Scheduling with Temporal Distance and Resource Constraints	Yes	[72]	2015	ICAART 2015	12	0	0	383	818

D.66 5 Works by Nic Wilson

Table 90: Works from bibtex (Total 5)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
AntunesABD20 AntunesABD20	M. Antunes, V. Armant, Kenneth N. Brown, Daniel A. Desmond, G. Escamocher, A. George, D. Grimes, M. O'Keeffe, Y. Lin, B. O'Sullivan, C. Öztürk, L. Quesada, M. Siala, H. Simonis, N. Wilson	Assigning and Scheduling Service Visits in a Mixed Urban/Rural Setting	Yes	[24]	2020	Int. J. Artif. Intell. Tools	31	0	16	1412	1752
AntunesABD18 AntunesABD18	M. Antunes, V. Armant, Kenneth N. Brown, Daniel A. Desmond, G. Escamocher, A. George, D. Grimes, M. O'Keeffe, Y. Lin, B. O'Sullivan, C. Öztürk, L. Quesada, M. Siala, H. Simonis, N. Wilson	Assigning and Scheduling Service Visits in a Mixed Urban/Rural Setting	Yes	[23]	2018	ICTAI 2018	8	1	24	362	768
BeckW07 BeckW07	J. Christopher Beck, N. Wilson	Proactive Algorithms for Job Shop Scheduling with Probabilistic Durations	Yes	[91]	2007	J. Artif. Intell. Res.	50	27	0	1432	1939
BeckW05 BeckW05	J. Christopher Beck, N. Wilson	Proactive Algorithms for Scheduling with Probabilistic Durations	Yes	[90]	2005	IJCAI 2005	6	0	0	391	957
BeckW04 BeckW04	J. Christopher Beck, N. Wilson	Job Shop Scheduling with Probabilistic Durations	Yes	[89]	2004	ECAI 2004	5	0	0	390	979

E Other Works

E.1 Books from bibtex

Table 91: Works from bibtex (Total 3)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
ArtiguesDN08	P. Baptiste, Claude Le Pape, W. Nuijten	Resource Constrained Project Scheduling	No	[37]	2008	Book	null	63	0	No	n/a
ArtiguesDN08		Constraint-Based Scheduling	No	[63]	2001	Book	null	296	0	No	n/a
BaptistePN01											
BaptistePN01	John N. Hooker	Logic Based Methods for Optimization: Combining Optimization and Constraint Satisfaction	No	[378]	2000	Book	null	185	0	No	n/a
Hooker00 Hooker00											

E.2 PhDThesis from bibtex

Table 92: Works from bibtex (Total 28)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
Astrand21 Astrand21	M. Åstrand	Short-term Underground Mine Scheduling: An Industrial Application of Constraint Programming	Yes	[44]	2021	Royal Institute of Technology, Stockholm, Sweden	142	0	0	3199	n/a
Godet21a Godet21a	A. Godet	Sur le tri de tâches pour résoudre des problèmes d'ordonnancement avec la programmation par contraintes. (On the use of tasks ordering to solve scheduling problems with constraint programming)	Yes	[303]	2021	IMT Atlantique Bretagne Pays de la Loire, Brest, France	168	0	0	3211	n/a
Groleaz21 Groleaz21	L. Groleaz	The Group Cumulative Scheduling Problem	Yes	[322]	2021	Université de Lyon	153	0	0	3212	n/a
Lemos21 Lemos21	Alexandre Duarte de Almeida Lemos	Solving scheduling problems under disruptions	Yes	[463]	2021	UNIVERSIDADE DE LISBOA INSTITUTO SUPERIOR TÉCNICO	188	0	0	3215	n/a
Zahout21 Zahout21	B. Zahout	Algorithmes exacts et approchés pour l'ordonnancement des travaux multiressources à intervalles fixes dans des systèmes distribués : approche monocritère et multiagent	Yes	[781]	2021	Université de Tours - LIFAT	185	0	0	3225	n/a
Lunardi20 Lunardi20	Willian Tessaro Lunardi	A Real-World Flexible Job Shop Scheduling Problem With Sequencing Flexibility: Mathematical Programming, Constraint Programming, and Metaheuristics	Yes	[501]	2020	University of Luxembourg, Luxembourg City, Luxembourg	181	0	0	3218	n/a
Arkipov19 Arkhipov19	D. Arkhipov	Planification socio-responsable du travail dans les chaînes de montage d'aéronefs : comment satisfaire à la fois objectifs ergonomiques et économiques	No	[30]	2019	Toulouse 3	null	0	0	No	n/a
Caballero19 Caballero19	Jordi Coll Caballero	Scheduling Through Logic-Based Tools	Yes	[158]	2019	Universitat de Girona, Spain	194	0	0	3202	n/a
German18 German18	G. German	Constraint programming for lot-sizing problems	Yes	[297]	2018	Université Grenoble Alpes	112	0	0	3210	n/a
Dejemeppe16 Dejemeppe16	C. Dejemeppe	Constraint programming algorithms and models for scheduling applications	Yes	[213]	2016	Catholic University of Louvain, Louvain-la-Neuve, Belgium	274	0	0	3204	n/a
Fahimi16 Fahimi16	H. Fahimi	Efficient algorithms to solve scheduling problems with a variety of optimization criteria	Yes	[253]	2016	Université Laval, Quebec, Canada	120	0	0	3208	n/a
Froger16 Froger16	A. Froger	Maintenance scheduling in the electricity industry : a particular focus on a problem rising in the onshore wind industry	Yes	[276]	2016	Université d'Angers	181	0	0	3209	n/a
Nattaf16 Nattaf16	M. Nattaf	Ordonnancement sous contraintes d'énergie	Yes	[559]	2016	UPS Toulouse - Université Toulouse 3 Paul Sabatier	199	0	0	3222	n/a
Derrien15 Derrien15	A. Derrien	Ordonnancement cumulatif en programmation par contraintes : caractérisation énergétique des raisonnements et solutions robustes. (Cumulative scheduling in constraint programming : energetic characterization of reasoning and robust solutions)	Yes	[219]	2015	École des mines de Nantes, France	113	0	0	3206	n/a
Siala15a Siala15a	M. Siala	Search, propagation, and learning in sequencing and scheduling problems. (Recherche, propagation et apprentissage dans les problèmes de séquençement et d'ordonnancement)	Yes	[673]	2015	INSA Toulouse, France	199	0	0	3224	n/a
Kameugne14 Kameugne14	R. Kameugne	Techniques de Propagation de la Contrainte de Ressource en Ordonnancement Cumulatif	Yes	[412]	2014	University of Yaounde I, Cameroon	139	0	0	3213	n/a

Table 92: Works from bibtex (Total 28)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
Letort13 Letort13	A. Letort	Passage à l'échelle pour les contraintes d'ordonnancement multi-ressources	Yes	[464]	2013	Ecole des Mines de Nantes	132	0	0	3216	n/a
Clerc12 Clercq12	Alexis De Clercq	Ordonnancement cumulatif avec dépassements de capacité : Contrainte globale et décompositions	Yes	[210]	2012	Ecole des Mines de Nantes	196	0	0	3203	n/a
Malapert11 Malapert11	A. Malapert	Techniques d'ordonnancement d'atelier et de fournées basées sur la programmation par contraintes. (Shop and batch scheduling with constraints)	Yes	[509]	2011	École des mines de Nantes, France	194	0	0	3219	n/a
Menana11 Menana11	J. Menana	Automates et programmation par contraintes pour la planification de personnel. (Automata and Constraint Programming for Personnel Scheduling Problems)	Yes	[524]	2011	University of Nantes, France	148	0	0	3221	n/a
Schutt11 Schutt11	A. Schutt	Improving Scheduling by Learning	Yes	[655]	2011	University of Melbourne, Australia	209	0	0	3223	n/a
Lombardi10 Lombardi10	M. Lombardi	Hybrid Methods for Resource Allocation and Scheduling Problems in Deterministic and Stochastic Environments	Yes	[482]	2010	University of Bologna, Italy	175	0	0	3217	n/a
Malik08 Malik08	Abid M. Malik	Constraint Programming Techniques for Optimal Instruction Scheduling	Yes	[513]	2008	University of Waterloo, Ontario, Canada	151	0	0	3220	n/a
Demasse03 Demasse03	S. Demasse	Méthodes hybrides de programmation par contraintes et programmation linéaire pour le problème d'ordonnancement de projet à contraintes de ressources. (Hybrid Constraint Programming-Integer Linear Programming approaches for the Resource-Constrained Project Scheduling Problem)	Yes	[216]	2003	University of Avignon, France	148	0	0	3205	n/a
Elkhyari03 Elkhyari03	A. Elkhyari	Outils d'aide à la décision pour des problèmes d'ordonnancement dynamiques	Yes	[240]	2003	Université de Nantes	333	0	0	3207	n/a
Baptiste02 Baptiste02	P. Baptiste	Résultats de complexité et programmation par contraintes pour l'ordonnancement	Yes	[56]	2002	Université de Technologie de Compiègne	237	0	0	3200	n/a
Layfield02 Layfield02	Colin J. Layfield	A constraint programming pre-processor for duty scheduling	Yes	[462]	2002	University of Leeds, UK	230	0	0	3214	n/a
Beck99 Beck99	J. Christopher Beck	Texture measurements as a basis for heuristic commitment techniques in constraint-directed scheduling	Yes	[77]	1999	University of Toronto, Canada	418	0	0	3201	n/a

Table 93: Automatically Extracted THESIS Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
Astrand21 [44]	142	distributed, one-machine scheduling, due-date, job-shop, flow-shop, resource, transportation, net present value, open-shop, machine, job, re-scheduling, stochastic, precedence, order, inventory, two-stage scheduling, tardiness, activity, setup-time, preempt, breakdown, release-date, planned maintenance, periodic, scheduling, make-span, completion-time, multi-objective, task, unavailability, sequence dependent setup	RCPSP, parallel machine, Resource-constrained Project Scheduling Problem, HFS, single machine, Partial Order Schedule	cumulative, alldifferent, cycle, circuit, disjunctive, Disjunctive constraint, Reified constraint	C++, Julia	Cplex, OPL, Gecode	satellite, drone, agriculture, semiconductor, robot	mineral industry, mining industry, maritime industry, potash industry, shipping industry	real-world, generated instance, real-life, benchmark	time-tabling, not-first, large neighborhood search, not-last, meta heuristic, neural network, reinforcement learning, edge-finding, simulated annealing, genetic algorithm, NEH	3171	n/a
Baptiste02 [56]	237	re-scheduling, resource, release-date, scheduling, Pareto, preempt, flow-time, task, job-shop, preemptive, machine, activity, make-span, reactive scheduling, flow-shop, job, completion-time, precedence, distributed, inventory, no preempt, setup-time, due-date, single-machine scheduling, open-shop, tardiness, order, lateness, earliness, one-machine scheduling, cmax, sequence dependent setup	Open Shop Scheduling Problem, PJSSP, HFS, single machine, RCPSP, OSSP, parallel machine, Resource-constrained Project Scheduling Problem, JSSP	cumulative, circuit, disjunctive, Cardinality constraint, Disjunctive constraint, alternative constraint, table constraint, Arithmetic constraint	Prolog, C++	Choco Solver, Claire, Ilog Solver, OPL, CHIP, ECLiPSe, Ilog Scheduler, Z3	hoist		real-life, generated instance, benchmark	genetic algorithm, column generation, not-first, Lagrangian relaxation, energetic reasoning, not-last, simulated annealing, edge-finding	3196	n/a
Beck99 [77]	418	stochastic, due-date, multi-agent, order, distributed, preempt, scheduling, inventory, preemptive, machine, release-date, job-shop, task, tardiness, activity, transportation, stock level, precedence, make-span, re-scheduling, resource, job, producer/consumer	single machine	cumulative, Disjunctive constraint, circuit, disjunctive	Prolog, C++	Ilog Solver, CHIP, Ilog Scheduler, OPL	telescope, robot, evacuation, medical		benchmark, real-world	column generation, not-last, machine learning, edge-finding, meta heuristic, not-first, simulated annealing, genetic algorithm	3198	n/a

Table 93: Automatically Extracted THESIS Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
Caballero19 [158]	194	resource, machine, setup-time, preempt, periodic, task, order, activity, distributed, precedence, release-date, cmax, make-span, preemptive, scheduling, completion-time	psplib, Resource-constrained Project Scheduling Problem, RCPSP	alldifferent, circuit, Cardinality constraint, cycle, Arithmetic constraint, cumulative	C++	SCIP, CHIP, Z3, CPO, Chuffed, MiniZinc, OPL			benchmark, real-life, instance generator	lazy clause generation, energetic reasoning, GRASP, time-tabling, meta heuristic, edge-finding, bi-partite matching, conflict-driven clause learning	3178	n/a
Clerc12 [210]	196	task, order, machine, job, manpower, activity, job-shop, make-span, resource, scheduling, due-date	psplib	Cumulatives constraint, alldifferent, cumulative, disjunctive, SoftCumulativeSum, circuit, SoftCumulative	Prolog	ECLiPSe, SICStus, Choco Solver, CHIP, Gecode	patient		benchmark	not-last, energetic reasoning, edge-finding, sweep, time-tabling, not-first	3188	n/a
Dejemeppe16 [213]	274	make-span, sequence dependent setup, open-shop, order, job, activity, Pareto, continuous-process, machine, preempt, release-date, flow-shop, batch process, multi-objective, energy efficiency, tardiness, preemptive, scheduling, completion-time, re-scheduling, resource, setup-time, earliness, due-date, no-wait, task, stochastic, job-shop, lateness, precedence, bi-objective	PTC, psplib, single machine, Resource-constrained Project Scheduling Problem, RCPSP	disjunctive, cumulative, Element constraint, Reified constraint, Cumulatives constraint, alldifferent, GCC constraint, cycle, circuit, Disjunctive constraint, Cardinality constraint, Regular constraint		Ilog Solver, OPL, Gecode, CHIP, OR-Tools, CPO	medical, patient, super-computer, nurse, physician, robot, container terminal	paper industry	benchmark, instance generator, generated instance, industrial partner, random instance, real-world, bitbucket	Lagrangian relaxation, simulated annealing, not-first, meta heuristic, ant colony, not-last, particle swarm, sweep, edge-finding, genetic algorithm, large neighborhood search	3180	n/a

Table 93: Automatically Extracted THESIS Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
Demasse03 [216]	148	machine, job, precedence, Benders Decomposition, release-date, stochastic, Logic-Based Benders Decomposition, job-shop, preemptive, single-machine scheduling, open-shop, activity, flow-shop, order, resource, scheduling, preempt, task	single machine, Resource-constrained Project Scheduling Problem, CuSP, psplib, RCPSP, TCSP	circuit, cumulative, disjunctive, cycle	C++	Cplex, Claire, Ilog Solver			benchmark	not-last, meta heuristic, edge-finding, time-tabling, column generation, not-first, Lagrangian relaxation	3194	n/a
Derrien15 [219]	113	scheduling, precedence, order, make-span, task, activity, preemptive, job-shop, resource, machine, job, stochastic, preempt, open-shop	psplib, CuSP	Disjunctive constraint, cumulative, alldifferent, circuit, disjunctive		Claire, Choco Solver	robot		benchmark	edge-finding, sweep, time-tabling, energetic reasoning	3184	n/a
Elkhyari03 [240]	333	scheduling, task, job-shop, preemptive, machine, activity, make-span, flow-shop, cmax, open-shop, tardiness, order, preempt, breakdown, re-scheduling, reactive scheduling, resource, job, precedence, release-date, periodic	RCPSP, CuSP, parallel machine, Resource-constrained Project Scheduling Problem, Temporal Constraint Satisfaction Problem, single machine	cycle, cumulative, disjunctive		CPO, Choco Solver, Claire			benchmark, Roadeff	meta heuristic, time-tabling, mat heuristic, genetic algorithm	3195	n/a
Fahimi16 [253]	120	reactive scheduling, completion-time, flow-shop, precedence, batch process, setup-time, due-date, task, open-shop, preemptive, order, make-span, stochastic, machine, job, periodic, activity, resource, lateness, job-shop, Logic-Based Benders Decomposition, transportation, sequence dependent setup, preempt, tardiness, scheduling, Benders Decomposition	single machine, CuSP, parallel machine, RCPSP	Disjunctive constraint, Cardinality constraint, Cumulatives constraint, alldifferent, cycle, AllD-iff constraint, cumulative, alternative constraint, disjunctive	Java, C++	Choco Solver, CHIP, Ilog Scheduler, Gecode	aircraft		benchmark, random instance, real-world, Roadeff	time-tabling, not-first, not-last, energetic reasoning, edge-finding, max-flow, sweep	3181	n/a

Table 93: Automatically Extracted THESIS Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
Froger16 [276]	181	breakdown, preempt, distributed, resource, inventory, scheduling, multi-objective, Benders Decomposition, reactive scheduling, batch process, re-scheduling, task, preemptive, order, sustainability, stochastic, completion-time, machine, job, manpower, Pareto, release-date, Logic-Based Benders Decomposition, unavailability, transportation	single machine, CuSP, TMS	disjunctive, cycle, cumulative	Java	Gurobi, OZ, Choco Solver	train schedule, maintenance scheduling, satellite, energy-price, offshore	power industry, electricity industry, energy industry, wind industry	benchmark, real-life, real-world, industrial partner, instance generator, Roadeff, generated instance	ant colony, particle swarm, genetic algorithm, neural network, large neighborhood search, Lagrangian relaxation, simulated annealing, column generation, max-flow, mat heuristic, meta heuristic	3182	n/a
German18 [297]	112	stock level, setup-time, job, task, activity, stochastic, earliness, machine, resource, job-shop, cmax, order, inventory, scheduling		Disjunctive constraint, Cardinality constraint, bin-packing, Balance constraint, cumulative, Among constraint, disjunctive	Prolog	Z3, SICS-tus, OPL, Choco Solver, Cplex	nurse		real-world, benchmark, real-life, CSPlib, generated instance		3179	n/a
Godet21a [303]	168	open-shop, release-date, make-span, transportation, machine, distributed, periodic, resource, lateness, job-shop, flow-shop, precedence, cmax, preempt, due-date, preemptive, order, scheduling, Benders Decomposition, completion-time, job, task, activity	single machine, RCPSP, parallel machine, JSSP, PMSP, Resource-constrained Project Scheduling Problem, psplib	AllDiff constraint, bin-packing, GeneralizedAllDiffPrec, disjunctive, BinPacking constraint, cumulative, AllDiffPrec constraint, Disjunctive constraint, Element constraint, alldifferent, Cardinality constraint, cycle		OR-Tools, OPL, Claire, Choco Solver, Chuffed, MiniZinc, CHIP	satellite, robot, railway, maintenance scheduling	electricity industry	real-life, github, generated instance, benchmark, random instance	sweep, lazy clause generation, meta heuristic, time-tabling, edge-finding	3172	n/a

Table 93: Automatically Extracted THESIS Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
Groleaz21 [322]	153	inventory, tardiness, activity, setup-time, preempt, breakdown, release-date, earliness, periodic, single-machine scheduling, scheduling, make-span, completion-time, task, online scheduling, bi-objective, reactive scheduling, preemptive, sequence dependent setup, distributed, due-date, job-shop, flow-shop, resource, transportation, cmax, open-shop, machine, job, lateness, re-scheduling, stochastic, precedence, order	Resource-constrained Project Scheduling Problem, Open Shop Scheduling Problem, single machine, GCSP, RCPSP, OSP, parallel machine	circuit, disjunctive, Disjunctive constraint, span constraint, cumulative, cycle, noOverlap	Julia, Java	Choco Solver, Z3, OPL, OR-Tools, Gurobi, CPO, Gecode, SCIP, Cplex	dairy, robot, automotive, business process	food industry, agrifood industry, dairy industry	benchmark, real-life	mat heuristic, evolutionary computing, memetic algorithm, meta heuristic, swarm intelligence, neural network, column generation, edge-finding, machine learning, simulated annealing, genetic algorithm, not-first, ant colony, large neighborhood search, not-last	3173	n/a
Kameugne14 [412]	139	resource, job, scheduling, task, job-shop, preemptive, machine, make-span, flow-shop, completion-time, order, preempt	RCPSP, CuSP, parallel machine, Resource-constrained Project Scheduling Problem, psplib	circuit, Disjunctive constraint, Cumulatives constraint, Balance constraint, cumulative, disjunctive	Java, Prolog, C++	Choco Solver, Claire, Gecode, CHIP, ECLiPSe, SICStus, Cplex, Mistral			Roadef	not-last, edge-finder, energetic reasoning, time-tabling, edge-finding, not-first	3186	n/a
Layfield02 [462]	230				C	OPL, Z3	OZ,				3197	n/a

Table 93: Automatically Extracted THESIS Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
Lemos21 [463]	188	transportation, precedence, job-shop, multi-objective, machine, re-scheduling, distributed, unavailability, multi-agent, bi-objective, task, job, stochastic, order, periodic, energy efficiency, Pareto, resource, scheduling	RCPSP	cycle, alldifferent, cumulative, Cardinality constraint	Java, C++, Python	OPL, Gurobi, Cplex	surgery, meeting scheduling, COVID, train schedule, high school timetabling, medical, crew-scheduling, railway	railway industry	real-world, github, real-life, benchmark, Roadeff	machine learning, simulated annealing, large neighborhood search, meta heuristic, GRASP, reinforcement learning, genetic algorithm, conflict-driven clause learning, evolutionary computing, time-tabling	3174	n/a
Letort13 [464]	132	machine, resource, job-shop, precedence, cmax, order, scheduling, job, task	psplib	bin-packing, alldifferent, cumulative, geost, Cumulatives constraint, disjunctive	Java, Prolog	SICStus, Claire, Choco Solver, CHIP	steel mill, datacenter		Roadef, CSPLib, benchmark	energetic reasoning, edge-finding, sweep, meta heuristic, not-first, time-tabling, large neighborhood search, not-last	3187	n/a

Table 93: Automatically Extracted THESIS Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
Lombardi10 [482]	175	re-scheduling, make-span, job, precedence, Benders Decomposition, release-date, periodic, stochastic, distributed, Logic-Based Benders Decomposition, setup-time, job-shop, preemptive, due-date, activity, completion-time, order, net present value, inventory, multi-objective, tardiness, resource, energy efficiency, scheduling, preempt, task, machine	single machine, SCC, Resource-constrained Project Scheduling Problem, CTW, RCPSP, TCSP	Disjunctive constraint, cycle, Balance constraint, AllDiff constraint, cumulative, disjunctive, table constraint, span constraint, bin-packing, circuit	C	OPL, Cplex, Ilog Solver	aircraft, pipeline, semiconductor, business process, medical, automotive	semiconductor industry	generated instance, benchmark, real-world, instance generator, real-life	not-last, simulated annealing, lazy clause generation, meta heuristic, sweep, large neighborhood search, edge-finder, edge-finding, energetic reasoning, genetic algorithm, time-tabling, column generation, not-first, Lagrangian relaxation, machine learning	3192	n/a
Lunardi20 [501]	181	activity, setup-time, breakdown, Pareto, release-date, reactive scheduling, unavailability, scheduling, make-span, task, cmax, bi-objective, machine, job, lateness, re-scheduling, stochastic, no preempt, due-date, job-shop, batch process, preempt, flow-shop, resource, transportation, open-shop, precedence, order, completion-time, multi-objective, tardiness	FJS, parallel machine, single machine	cycle, noOverlap, endBeforeStart, alldifferent, disjunctive	Python	CPO, OPL, Cplex	robot, high performance computing	printing industry, glass industry	industrial partner, instance generator, benchmark, random instance, github, supplementary material, real-world, generated instance, real-life	mat heuristic, memetic algorithm, meta heuristic, machine learning, simulated annealing, genetic algorithm, particle swarm, ant colony, swarm intelligence, neural network, reinforcement learning	3176	n/a

Table 93: Automatically Extracted THESIS Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
Malapert11 [509]	194	tardiness, order, lateness, preempt, cmax, multi-objective, batch process, transportation, resource, scheduling, flow-time, task, job-shop, preemptive, machine, activity, make-span, no-wait, flow-shop, job, completion-time, precedence, planned maintenance, inventory, setup-time, due-date, open-shop	Open Shop Scheduling Problem, single machine	cumulative, diffn, circuit, disjunctive, geost, cycle, alldifferent, Element constraint, bin-packing, Disjunctive constraint, Cumulatives constraint	Prolog, C++, Java	Mistral, Choco Solver, Claire, Gecode, ECLiPSe, SICStus, Cplex, OPL, CHIP, Ilog Scheduler	rectangle-packing, robot, semiconductor, maintenance scheduling, patient		real-world, industrial partner, generated instance, benchmark	edge-finding, particle swarm, genetic algorithm, column generation, not-first, ant colony, energetic reasoning, not-last, time-tabling, meta heuristic, sweep	3189	n/a
Malik08 [513]	151	order, machine, completion-time, activity, distributed, precedence, breakdown, task, job, resource, make-span, cyclic scheduling, scheduling		alldifferent, Cardinality constraint, cycle			pipeline		real-life, benchmark	edge-finding, machine learning	3193	n/a
Menana11 [524]	148	machine, task, manpower, activity, distributed, resource, multi-objective, cyclic scheduling, precedence, scheduling		Regular constraint, alldifferent, Cardinality constraint	Prolog	Z3, CHIP, OPL, Claire, Choco Solver	nurse		Roadef, github, benchmark	large neighborhood search, Lagrangian relaxation, meta heuristic, time-tabling, genetic algorithm, column generation	3190	n/a
Nattaf16 [559]	199	preemptive, order, tardiness, inventory, scheduling, flow-shop, setup-time, job, task, make-span, machine, resource, job-shop, bi-objective, cmax, preempt, due-date	RCPSP, CECSP, Resource-constrained Project Scheduling Problem, psplib, single machine, CuSP, parallel machine	alldifferent, cumulative, disjunctive	C++	Claire, Cplex	maintenance scheduling, robot	process industry	Roadef	genetic algorithm, column generation, energetic reasoning, edge-finding, sweep, mat heuristic	3183	n/a

Table 93: Automatically Extracted THESIS Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
Schutt11 [655]	209	resource, job-shop, precedence, cmax, preempt, preemptive, order, tardiness, scheduling, completion-time, machine, setup-time, job, periodic, task, activity, open-shop, one-machine scheduling, release-date, make-span	RCPSP, Resource-constrained Project Scheduling Problem, Open Shop Scheduling Problem, psplib	disjunctive, Arithmetic constraint, UTVPI constraint, cumulative, circuit, bin-packing, Reified constraint, Disjunctive constraint, Element constraint, alldifferent, cycle, geost	Prolog, C++	CHIP, SICStus, Ilog Scheduler, SCIP, ECLiPSe, Ilog Solver	rectangle-packing	carpet industry	benchmark, real-world, industrial instance, instance generator	sweep, ant colony, lazy clause generation, meta heuristic, edge-finder, time-tabling, not-first, simulated annealing, energetic reasoning, edge-finding, not-last	3191	n/a
Siala15a [673]	199	job-shop, precedence, earliness, cmax, sequence dependent setup, due-date, order, tardiness, scheduling, setup-time, task, activity, open-shop, make-span, machine, job, periodic, resource	RCPSP, OSP, single machine, TMS	AtMostSeq, table constraint, Balance constraint, cumulative, circuit, Among constraint, AmongSeq constraint, disjunctive, Atmost constraint, Regular constraint, Disjunctive constraint, GCC constraint, Cardinality constraint, Card-Path, MultiAtMostSeqCard, AtMostSeqCard, Reified constraint, alldifferent, cycle		CHIP, Ilog Solver, Mistral, OPL, Claire	automotive, rectangle-packing		github, benchmark, random instance, Roadef, real-world, CSPLib	conflict-driven clause learning, evolutionary computing, lazy clause generation, time-tabling, large neighborhood search, edge-finding, ant colony, GRASP, swarm intelligence	3185	n/a
Zahout21 [781]	185	completion-time, machine, job, activity, Pareto, online scheduling, release-date, make-span, multi-agent, distributed, resource, energy efficiency, multi-objective, job-shop, flow-shop, precedence, bi-objective, preempt, due-date, re-scheduling, task, preemptive, scheduling	CuSP, parallel machine, RCPSP, SCC, TCSP, single machine	cycle, cumulative, circuit, bin-packing		CPO, Cplex, Claire	datacenter, business process, high performance computing, crew-scheduling, satellite		benchmark	meta heuristic, reinforcement learning, GRASP, genetic algorithm, column generation	3175	n/a

E.3 InBook from bibtex

Table 94: Works from bibtex (Total 16)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
SchuttFSW15 SchuttFSW15	A. Schutt, T. Feydy, Peter J. Stuckey, Mark G. Wallace	A Satisfiability Solving Approach	No	[663]	2015	Handbook on Project Management and Scheduling Vol.1	26	3	28	No	n/a
CestaOPS14 CestaOPS14	A. Cesta, A. Oddi, N. Policella, Stephen F. Smith	A Precedence Constraint Posting Approach	No	[180]	2014	Handbook on Project Management and Scheduling Vol.1	null	2	17	No	n/a
GuSSWC14 GuSSWC14	H. Gu, A. Schutt, Peter J. Stuckey, Mark G. Wallace, G. Chu	Exact and Heuristic Methods for the Resource-Constrained Net Present Value Problem	No	[328]	2014	Handbook on Project Management and Scheduling Vol.1	null	5	35	No	n/a
Milano11 Milano11	M. Milano	Constraint Programming Links with Math Programming	No	[533]	2011	Wiley Encyclopedia of Operations Research and Management Science	null	0	28	No	n/a
CastroGR10 CastroGR10	Pedro M. Castro, Ignacio E. Grossmann, L. Rousseau	Decomposition Techniques for Hybrid MILP/CP Models applied to Scheduling and Routing Problems	No	[174]	2010	Hybrid Optimization	null	0	67	No	n/a
Hooker10 Hooker10	John N. Hooker	Hybrid Modeling	No	[387]	2010	Hybrid Optimization	null	9	39	No	n/a
GongLMW09 GongLMW09	J. Gong, Earl E. Lee, John E. Mitchell, William A. Wallace	Logic-based MultiObjective Optimization for Restoration Planning	No	[315]	2009	Optimization and Logistics Challenges in the Enterprise	null	14	13	No	n/a
AggounMV08 AggounMV08	A. Aggoun, C. Maravelias, A. Vazacopoulos	Mixed Integer Programming/Constraint Programming Hybrid Methods	No	[12]	2008	Encyclopedia of Optimization	null	0	34	No	n/a
Hooker06a Hooker06a	John N. Hooker	Operations Research Methods in Constraint Programming	No	[385]	2006	Foundations of Artificial Intelligence	null	11	44	No	n/a
NeronABCDD06 NeronABCDD06	E. Néron, C. Artigues, P. Baptiste, J. Carlier, J. Damay, S. Demassey, P. Laborie	Lower Bounds for Resource Constrained Project Scheduling Problem	No	[579]	2006	Perspectives in Modern Project Scheduling	null	3	34	No	n/a
WolfS05a WolfS05a	A. Wolf, H. Schlenker	Realising the Alternative Resources Constraint	Yes	[767]	2005	Applications of Declarative Programming and Knowledge Management	15	5	6	??	n/a
AggounV04 AggounV04	A. Aggoun, A. Vazacopoulos	Solving Sports Scheduling and Timetabling Problems with Constraint Programming	No	[13]	2004	Economics, Management and Optimization in Sports	null	7	4	No	n/a
AjiliW04 AjiliW04	F. Ajili, Mark G. Wallace	Hybrid Problem Solving in ECLiPSe	No	[15]	2004	Constraint and Integer Programming	null	4	24	No	n/a
DannaP04 DannaP04	E. Danna, Claude Le Pape	Two Generic Schemes for Efficient and Robust Cooperative Algorithms	No	[200]	2004	Constraints and Integer Programming	null	2	34	No	n/a
DomdorfPH03 DomdorfPH03	U. Domdorf, E. Pesch, Toản Phan Huy	Machine Learning by Schedule Decomposition — Prospects for an Integration of AI and OR Techniques for Job Shop Scheduling	No	[227]	2003	Advances in Evolutionary Computing	null	0	57	No	n/a
DorndorfHHP99 DorndorfHHP99	U. Dorndorf, Toản Phan Huy, E. Pesch	A Survey of Interval Capacity Consistency Tests for Time- and Resource-Constrained Scheduling	No	[229]	1999	Project Scheduling	null	18	20	No	n/a

E.4 InCollection from bibtex

Table 95: Works from bibtex (Total 9)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
BlazewiczEP19 BlazewiczEP19 Hooker19 Hooker19	J. Blazewicz, Klaus H. Ecker, E. Pesch, G. Schmidt, M. Sterna, J. Weglarz John N. Hooker	Constraint Programming and Disjunctive Scheduling Logic-Based Benders Decomposition for Large-Scale Optimization	No Yes	[119] [389]	2019 2019	Handbook on Scheduling Large Scale Optimization in Supply Chains and Smart Manufacturing	62 26	38 8	0 0	No 3251	n/a n/a
HurleyOS16 HurleyOS16	B. Hurley, B. O'Sullivan, H. Simonis	ICON Loop Energy Show Case	Yes	[396]	2016	Data Mining and Constraint Programming - Foundations of a Cross-Disciplinary Approach	14	0	16	3252	n/a
Bartak14 Bartak14	R. Barták	Planning and Scheduling	No	[68]	2014	Computing Handbook, Third Edition: Computer Science and Software Engineering	null	0	0	No	n/a
BriandHHL08 BriandHHL08	C. Briand, M. Huguet, Hoang Trung La, P. Lopez	Constraint-based Approaches for Robust Scheduling	No	[149]	2008	Flexibility and Robustness in Scheduling	null	1	22	No	n/a
EsquirolLH2008 EsquirolLH2008	P. Esquirol, P. Lopez, M. Huguet	Constraint Propagation and Scheduling	No	[248]	2008	Production Scheduling	null	0	28	No	n/a
BaptisteLPN06 BaptisteLPN06	P. Baptiste, P. Laborie, Claude Le Pape, W. Nuijten	Constraint-Based Scheduling and Planning	No	[59]	2006	Handbook of Constraint Programming	39	30	25	No	n/a
KanetAG04 KanetAG04	John J. Kanet, S. Ahire, Michael F. Gorman	Constraint Programming for Scheduling	Yes	[419]	2004	Handbook of Scheduling - Algorithms, Models, and Performance Analysis	22	0	0	3253	n/a
BreitingerL95 BreitingerL95	S. Breitinger, Hendrik C. R. Lock	Using Constraint Logic Programming for Industrial Scheduling Problems	No	[148]	1995	Logic Programming: Formal Methods and Practical Applications, Studies in Computer Science and Artificial Intelligence	27	0	0	No	n/a

Table 96: Automatically Extracted INCOLLECTION Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
Hooker19 [389]	26	machine, job, task, activity, one-machine scheduling, release-date, make-span, transportation, stochastic, single-machine scheduling, distributed, resource, job-shop, Logic-Based Benders Decomposition, sequence dependent setup, due-date, order, tardiness, inventory, scheduling, multi-objective, Benders Decomposition	parallel machine, single machine	cycle, disjunctive, cumulative, circuit		OPL, MiniZinc	container terminal, maintenance scheduling, satellite, torpedo, yard crane, operating room, patient, railway, aircraft		industrial instance	mat heuristic, large neighborhood search, quadratic programming, meta heuristic, time-tabling, column generation	3243	n/a
HurleyOS16 [396]	14	re-scheduling, resource, scheduling, task, machine, distributed, order		cumulative			energy-price, super-computer, datacentre, high performance computing		real-world, benchmark	machine learning	3244	n/a
KanetAG04 [419]	22	precedence, order, make-span, completion-time, task, tardiness, activity, earliness, due-date, job-shop, resource, machine, job, inventory, setup-time, transportation, single-machine scheduling, scheduling	single machine, parallel machine	Disjunctive constraint, alldifferent, disjunctive		ECLiPSe, Cplex, Ilog Solver, OPL	high school timetabling, patient			time-tabling, meta heuristic	3249	n/a

F Background Works

Table 97: Works from bibtex (Total 42)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
Petropoulos23 Petropoulos23	F. Petropoulos, G. Laporte, E. Aktas, Sibel A. Alumur, C. Archetti, H. Ayhan, M. Battarra, Julia A. Bennell, J. Bourjolly, John E. Boylan, M. Breton, D. Canca, L. Charlin, B. Chen, Cihan Tugrul Cicek, Louis Anthony Cox, Christine S.M. Currie, E. Demeulemeester, L. Ding, Stephen M. Disney, M. Ehrgott, Martin J. Eppler, G. Erdoğan, B. Fortz, L. Alberto Franco, J. Frische, S. Greco, Amanda J. Gregory, Raimo P. Hämäläinen, W. Herroelen, M. Hewitt, J. Holmström, John N. Hooker, T. Işık, J. Johnes, Bahar Y. Kara, Özlem Karsu, K. Kent, C. Köhler, M. Kunc, Y. Kuo, Adam N. Letchford, J. Leung, D. Li, H. Li, J. Lienert, I. Ljubić, A. Lodi, S. Lozano, V. Lurkin, S. Martello, Ian G. McHale, G. Midgley, John D.W. Morecroft, A. Mutha, C. Oğuz, S. Petrovic, U. Pferschy, Harilaos N. Psaraftis, S. Rose, L. Saarinen, S. Salhi, J. Song, D. Sotiros, Kathryn E. Steckle, Arne K. Strauss, İstenc Tarhan, C. Thielen, P. Toth, Tom Van Woensel, Greet Vanden Berghe, C. Vasilakis, V. Vaze, D. Vigo, K. Virtanen, X. Wang, R. Weron, L. White, M. Yearworth, E. Alper Yıldırım, G. Zaccour, X. Zhao	Operational Research: methods and applications	Yes	[606]	2023	Journal of the Operational Research Society	262	0	0	No	n/a
HartmannB22 HartmannB22	S. Hartmann, D. Briskorn	An updated survey of variants and extensions of the resource-constrained project scheduling problem	Yes	[349]	2022	European Journal of Operational Research	14	55	196	No	n/a
LamGSHD20 LamGSHD20	E. Lam, G. Gange, Peter J. Stuckey, Pascal Van Hentenryck, Jip J. Dekker	Nutmeg: a MIP and CP Hybrid Solver Using Branch-and-Check	Yes	[458]	2020	SN Operations Research Forum	27	7	28	No	n/a
RahmanianiCGR17 RahmanianiCGR17	R. Rahmaniani, Teodor Gabriel Crainic, M. Gendreau, W. Rei	The Benders decomposition algorithm: A literature review	Yes	[625]	2017	European Journal of Operational Research	17	386	113	No	n/a
HartmannB10 HartmannB10	S. Hartmann, D. Briskorn	A survey of variants and extensions of the resource-constrained project scheduling problem	Yes	[348]	2010	European Journal of Operational Research	14	577	177	No	n/a
YunesAH10 YunesAH10	T. Yunes, Ionuț D. Aron, John N. Hooker	An Integrated Solver for Optimization Problems	Yes	[776]	2010	Operations Research	16	25	38	No	n/a
Achterberg09 Achterberg09	T. Achterberg	SCIP: solving constraint integer programs	Yes	[5]	2009	Mathematical Programming Computation	41	706	54	No	n/a
FeydyS09 FeydyS09	T. Feydy, Peter J. Stuckey	Lazy Clause Generation Reengineered	Yes	[263]	2009	CP 2009	15	52	11	No	n/a
NethercoteSBBDT07 NethercoteSBBDT07	N. Nethercote, Peter J. Stuckey, R. Becket, S. Brand, Gregory J. Duck, G. Tack	MiniZinc: Towards a Standard CP Modelling Language	Yes	[566]	2007	CP 2007	15	344	5	No	n/a
KolischH06 KolischH06	R. Kolisch, S. Hartmann	Experimental investigation of heuristics for resource-constrained project scheduling: An update	Yes	[429]	2006	European Journal of Operational Research	15	503	62	No	n/a
BockmayrH05 BockmayrH05	A. Bockmayr, John N. Hooker	Constraint Programming	Yes	[124]	2005	Handbooks in Operations Research and Management Science	42	12	52	No	n/a

Table 97: Works from bibtex (Total 42)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
AronHY2004 AronHY2004	I. Aron, John N. Hooker, Tallys H. Yunes	SIMPL: A System for Integrating Optimization Techniques	Yes	[34]	2004	CPAIOR 2004	16	16	23	No	n/a
Apt03 Apt03	K. Apt	Principles of Constraint Programming	No	[28]	2003	Book	null	381	0	No	n/a
Hentenryck02 Hentenryck02	Pascal Van Hentenryck	Constraint and Integer Programming in OPL	No	[367]	2002	INFORMS Journal on Computing Interfaces	null	48	37	No	n/a
LustigP01 LustigP01	Irvin J. Lustig, J. Puget	Program Does Not Equal Program: Constraint Programming and Its Relationship to Mathematical Programming	No	[504]	2001		null	84	10	No	n/a
BrailsfordPS99 BrailsfordPS99	Sally C. Brailsford, Chris N. Potts, Barbara M. Smith	Constraint satisfaction problems: Algorithms and applications	No	[147]	1999	European Journal of Operational Research	null	219	30	No	n/a
BruckerDMNP99 BruckerDMNP99	P. Brucker, A. Drexler, R. Möhring, K. Neumann, E. Pesch	Resource-constrained project scheduling: Notation, classification, models, and methods	Yes	[152]	1999	European Journal of Operational Research	39	990	137	No	n/a
FocacciLM99 FocacciLM99	F. Focacci, A. Lodi, M. Milano	Cost-Based Domain Filtering	Yes	[265]	1999	CP 1999	15	68	9	No	n/a
HerroelenRD98 HerroelenRD98	W. Herroelen, Bert De Reyck, E. Demeulemeester	Resource-constrained project scheduling: A survey of recent developments	No	[371]	1998	Computers Operations Research	null	375	63	No	n/a
MarriottS98 MarriottS98	K. Marriott, Peter J. Stuckey	Programming with Constraints: An Introduction	No	[518]	1998	Book	null	410	0	No	n/a
Shaw98 Shaw98	P. Shaw	Using Constraint Programming and Local Search Methods to Solve Vehicle Routing Problems	Yes	[669]	1998	CP 1998	15	630	11	No	n/a
KolischS97 KolischS97	R. Kolisch, A. Sprecher	PSPLIB - A project scheduling problem library	Yes	[430]	1997	European Journal of Operational Research	12	840	18	No	n/a
CarlierP94 CarlierP94	J. Carlier, E. Pinson	Adjustment of heads and tails for the job-shop problem	Yes	[171]	1994	European Journal of Operational Research	16	151	10	No	n/a
JaffarM94 JaffarM94	J. Jaffar, Michael J. Maher	Constraint logic programming: a survey	Yes	[399]	1994	The Journal of Logic Programming	79	752	78	No	n/a
LubySZ93 LubySZ93	M. Luby, A. Sinclair, D. Zuckerman	Optimal speedup of Las Vegas algorithms	No	[499]	1993	Information Processing Letters	null	247	0	No	n/a
Taillard93 Taillard93	E. Taillard	Benchmarks for basic scheduling problems	Yes	[694]	1993	European Journal of Operational Research	8	1568	6	No	n/a
ApplegateC91 ApplegateC91	D. Applegate, W. Cook	A Computational Study of the Job-Shop Scheduling Problem	Yes	[27]	1991	ORSA Journal on Computing	8	536	0	No	n/a
DechterMP91 DechterMP91	R. Dechter, I. Meiri, J. Pearl	Temporal constraint networks	Yes	[212]	1991	Artificial Intelligence	35	879	28	No	n/a
CarlierP90 CarlierP90	J. Carlier, E. Pinson	A practical use of Jackson's preemptive schedule for solving the job shop problem	Yes	[170]	1990	Annals of Operations Research	19	112	11	No	n/a
CarlierP89 CarlierP89	J. Carlier, E. Pinson	An Algorithm for Solving the Job-Shop Problem	Yes	[169]	1989	Management Science	14	516	0	No	n/a
AdamsBZ88 AdamsBZ88	J. Adams, E. Balas, D. Zawack	The Shifting Bottleneck Procedure for Job Shop Scheduling	Yes	[8]	1988	Management Science	12	1054	0	No	n/a
BartuschMR88 BartuschMR88	M. Bartusch, R. H. Möhring, F. J. Radermacher	Scheduling project networks with resource constraints and time windows	Yes	[74]	1988	Annals of Operations Research	41	220	8	No	n/a
DincbasHSAGB88 DincbasHSAGB88	M. Dincbas, Pascal Van Hentenryck, H. Simonis, A. Aggoun, T. Graf, F. Berthier	The Constraint Logic Programming Language CHIP	Yes	[224]	1988	FGCS 1988	10	0	0	No	n/a
BlazewiczLK83 BlazewiczLK83	J. Blazewicz, Jan Karel Lenstra, A. H. G. Rinnooy Kan	Scheduling subject to resource constraints: classification and complexity	Yes	[120]	1983	Discret. Math.	14	947	6	No	n/a
Carlier82 Carlier82	J. Carlier	The one-machine sequencing problem	No	[168]	1982	European Journal of Operational Research	null	360	4	No	n/a

Table 97: Works from bibtex (Total 42)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
GrahamLLK79 GrahamLLK79	R. Graham, E. Lawler, J. Lenstra, A. Kan	Optimization and Approximation in Deterministic Sequencing and Scheduling: a Survey	No	[316]	1979	Annals of Discrete Mathematics	null	3894	93	No	n/a
Lauriere78 Lauriere78	J. Lauriere	A language and a program for stating and solving combinatorial problems	No	[461]	1978	Artificial Intelligence	null	149	14	No	n/a
Mackworth77 Mackworth77	Alan K. Mackworth	Consistency in networks of relations	No	[505]	1977	Artificial Intelligence	null	1384	0	No	n/a
GareyJS76 GareyJS76	M. R. Garey, D. S. Johnson, R. Sethi	The Complexity of Flowshop and Jobshop Scheduling	No	[280]	1976	Mathematics of Operations Research	null	1805	0	No	n/a
Geoffrion72 Geoffrion72	A. M. Geoffrion	Generalized Benders decomposition	No	[296]	1972	Journal of Optimization Theory and Applications	null	1659	7	No	n/a
PritskerWW69 PritskerWW69	A. Alan B. Pritsker, Lawrence J. Waiters, Philip M. Wolfe	Multiproject Scheduling with Limited Resources: A Zero-One Programming Approach	No	[617]	1969	Management Science	null	504	0	No	n/a
Benders62 Benders62	Jacques F. Benders	Partitioning procedures for solving mixed-variables programming problems	Yes	[104]	1962	Numerische Mathematik	15	2583	6	No	n/a

G Most Similar Works

Table 98: Most Similar Works

Work	1	2	3	4	5
AalianPG23					
AbohashimaEG21	AstrandJZ18 (7.28)	PerezGSL23 (7.35)	abs-2312-13682 (7.35)	MurphyMB15 (7.87)	BenderWS21 (7.87)
AbreuAPNM21	LiuJ06 (6.32)	ZhangLS12 (6.56)	MoffittPP05 (6.93)	Baptiste09 (7.00)	ErtlK91 (7.00)
AbreuN22	AbreuN22 (0.49)	MejiaY20 (0.45)	AbreuNP23 (0.35)	MalapertCGJLR12 (0.34)	AbreuPNF23 (0.33)
AbreuNP23	AbreuN22 (6.93)	AbreuPNF23 (7.55)	AbreuNP23 (7.62)	MejiaY20 (9.00)	Taillard93 (9.54)
AbreuPNF23	AbreuNP23 (0.53)	AbreuAPNM21 (0.49)	MejiaY20 (0.41)	AbreuPNF23 (0.41)	KelbelH11 (0.30)
AbreuAPNM21	AbreuAPNM21 (6.93)	AbreuPNF23 (7.68)	AbreuNP23 (8.00)	MejiaY20 (9.85)	GrimesH10 (10.63)
AbreuNP23	AbreuN22 (0.53)	AwadMDMT22 (0.50)	AbreuPNF23 (0.43)	AbreuAPNM21 (0.35)	HeinzNVH22 (0.33)
AbreuPNF23	AbreuAPNM21 (7.62)	AbreuN22 (8.00)	AbreuPNF23 (8.54)	MejiaY20 (9.85)	MengZRZL20 (10.44)
AbreuNP23	AbreuNP23 (0.43)	AbreuN22 (0.41)	AbreuAPNM21 (0.33)	MejiaY20 (0.15)	YuraszeckMPV22 (0.11)
AbreuAPNM21	AbreuAPNM21 (7.55)	AbreuN22 (7.68)	AbreuNP23 (8.54)	MejiaY20 (9.80)	OujanaAYB22 (10.63)
AbrilSB05					
Achterberg09	Baptiste09 (2.24)	KorbaaYG00 (2.24)	LopezAKYG00 (2.24)	BaptisteLV92 (2.24)	CarlierP94 (2.24)
AchterbergBKW08	AchterbergBKW08 (0.49)	Hooker05b (0.14)	YunesAH10 (0.13)	AggounMV08 (0.11)	CireCH13 (0.11)
AchterbergBKW08	AchterbergBKW08 (5.66)	AronHY2004 (8.00)	CireCH13 (8.12)	SunLYL10 (8.19)	ZibranR11a (8.31)
Achterberg09	Achterberg09 (0.49)	MilanoW09 (0.39)	AronHY2004 (0.31)	Hooker05b (0.25)	YunesAH10 (0.24)
Achterberg09	Achterberg09 (5.66)	ZibranR11 (6.63)	AbrilSB05 (6.78)	Hooker05b (6.78)	CarchraeBF05 (6.78)
Acuna-AgostMFG09	MarliereSPR23 (0.03)	Rodriguez07 (0.02)			
AdamsBZ88	AbrilSB05 (3.61)	Baptiste09 (4.00)	CarchraeBF05 (4.36)	KorbaaYG00 (4.47)	LopezAKYG00 (4.47)
AdamsBZ88	Carlier82 (0.21)	JainM99 (0.16)	BlazewiczDP96 (0.10)	Taillard93 (0.09)	CarlierP94 (0.07)
AdamsBZ88	CarlierP89 (6.00)	DilkinaDH05 (6.40)	BartuschMR88 (6.78)	NuijtenA96 (7.00)	FoxAS82 (7.00)
Adelgren2023	AwadMDMT22 (0.12)	RoePS05 (0.10)	MaraveliasCG04 (0.09)	SadykovW06 (0.08)	Beck10 (0.07)
Adelgren2023	FontaineMH16 (8.43)	Jans09 (8.66)	BenediktSMVH18 (8.89)	CatusseCBL16 (8.89)	BlomPS16 (8.94)
AfsarVPG23	ColT19 (0.16)	ColT2019a (0.13)	ColT22 (0.10)	Fatemi-AnarakiTFV23 (0.09)	KuB16 (0.09)
AggounB93	Beck07 (9.00)	ZhangYW21 (9.27)	BeckPS03 (9.43)	LiFJZLL22 (9.59)	KhayatLR06 (9.59)
AggounB93	CarlierP90 (0.35)	CarlierP94 (0.30)	BeldiceanuCP08 (0.27)	PoderBS04 (0.21)	DincbasSH90 (0.16)
AggounB93	Goltz95 (7.87)	JaffarM94 (7.87)	DincbasSH90 (8.19)	BeldiceanuCP08 (8.77)	ChuGNSW13 (9.06)
AggounMV08	CobanH11 (0.28)	AronHY2004 (0.28)	Hooker05b (0.23)	YunesAH10 (0.22)	Thorsteinsson01 (0.22)
AggounV04	Simonis95 (0.57)	Geske05 (0.51)	SimonisCK00 (0.44)	SimonisC95 (0.33)	BeldiceanuCDP11 (0.33)
AjiliW04	AronHY2004 (0.36)	Wallace06 (0.31)	YunesAH10 (0.29)	BockmayrP06 (0.26)	DannaP04 (0.24)
AkkerDH07	LombardiM10 (0.21)	LiW08 (0.21)	Davenport10 (0.20)	BaptisteB18 (0.19)	LombardiM13 (0.19)
AkkerDH07	Sadykov04 (7.94)	Limtanyakul07 (7.94)	BenediktSMVH18 (8.37)	SadykovW06 (8.49)	HeipckeCCS00 (8.66)
AkramNHRSA23					
AlesioBNG15	AngelsmarkJ00 (5.57)	CarchraeBF05 (5.92)	SunLYL10 (6.00)	GomesHS06 (6.00)	BarlattCG08 (6.08)
AlesioBNG15	AlesioNBG14 (0.76)	GrimesH15 (0.09)	CambazardHDJT04 (0.07)	GilesH16 (0.07)	DejemeppeD14 (0.07)
AlesioNBG14	AlesioBNG15 (0.76)	CambazardHDJT04 (0.17)	GilesH16 (0.16)	MalapertCGJLR12 (0.15)	HladikCDJ08 (0.15)
AlesioNBG14	CambazardHDJT04 (6.63)	PembertonG98 (6.71)	Caseau97 (7.07)	Puget95 (7.55)	ZibranR11a (7.55)
AlfieriGPS23	ColT2019a (0.09)	ColT19 (0.08)	NaderiRRR23 (0.07)	ParkUJR19 (0.05)	HauderBRPA20 (0.05)
AlfieriGPS23	FanXG21 (9.27)	BogaerdtW19 (9.43)	Beck06 (9.43)	LiFJZLL22 (9.54)	ZhangJZL22 (9.90)
AlizdehS20					
AmadiniGM16	SzerediS16 (0.33)	KreterSS17 (0.28)	SchnellH15 (0.28)	YoungFS17 (0.27)	SchuttS16 (0.26)
AmadiniGM16	LombardiM13 (6.16)	Caballero23 (6.48)	BofillCSV17 (6.71)	KovacsEKV05 (6.86)	SzerediS16 (7.00)
AngelsmarkJ00	BrusoniCLMMT96 (0.22)	EsquirolLH2008 (0.16)	Muscettola02 (0.15)	Wolf11 (0.14)	PraletLJ15 (0.12)
AngelsmarkJ00	CarchraeBF05 (2.45)	Baptiste09 (3.00)	HebrardTW05 (3.00)	KovacsEKV05 (3.16)	Vilim03 (3.32)
AntunesABD18	AntunesABD20 (0.80)	FrohnerTR19 (0.07)	ArmstrongGOS22 (0.05)	HoYCLLC18 (0.05)	Ham18 (0.05)
AntunesABD18	AntunesABD20 (3.87)	ZibranR11 (6.63)	ChapadosJR11 (6.71)	AngelsmarkJ00 (6.93)	FortinZDF05 (7.00)

Table 98: Most Similar Works

Work	1	2	3	4	5
AntunesABD20	AntunesABD18 (0.80)	HoYCLLC18 (0.07)	Ham18 (0.07)	MusliuSS18 (0.05)	HechingHK19 (0.04)
	AntunesABD18 (3.87)	AngelsmarkJ00 (7.68)	ZibranR11 (7.68)	ChapadosJR11 (7.75)	CarchraeBF05 (7.81)
AntuoriHHEN20	DavenportKRSH07 (0.20)	WatsonB08 (0.16)	SimoninAHL15 (0.15)	CarchraeB09 (0.15)	BeldiceanuP07 (0.13)
	AntuoriHHEN21 (7.62)	FoxAS82 (9.33)	LozanoCDS12 (9.70)	Colombani96 (9.75)	BocewiczBB09 (9.75)
AntuoriHHEN21					
	FoxAS82 (7.55)	AntuoriHHEN20 (7.62)	LozanoCDS12 (8.49)	Colombani96 (8.54)	MakMS10 (8.66)
ApplegateC91	CarlierP90 (0.15)	CarlierP94 (0.15)	Carlier82 (0.14)	JainM99 (0.14)	BlazewiczDP96 (0.13)
	KorbaaYG00 (0.00)	LopezAKYG00 (0.00)	BaptisteLV92 (0.00)	CarlierP94 (0.00)	DincbasHSAGB88 (0.00)
Apt03	BrailsfordPS99 (0.05)	LustigP01 (0.04)	BukchinR18 (0.04)	JussienL02 (0.03)	Shaw98 (0.03)
ArbaouiY18	EdisO11 (0.35)	NattafALR16 (0.24)	PraletLJ15 (0.18)	PandeyS21a (0.17)	Ham18a (0.15)
	EdisO11 (7.42)	Ham18a (7.62)	HebrardHJMPV16 (7.68)	abs-2305-19888 (7.75)	BogaerdTW19 (7.87)
Arkipov19					
ArkipovBL19	NeronABCDD06 (0.66)	DemasseyAM05 (0.41)	CarlierPSJ20 (0.41)	CarlierSJP21 (0.33)	LiessM08 (0.32)
	HeipckeCCS00 (7.35)	HillTV21 (7.42)	VilimLS15 (7.55)	KovacsV04 (7.62)	KolischS97 (7.68)
ArmstrongGOS21	TangB20 (0.29)	RendlPHPR12 (0.13)	LaborieRSV18 (0.01)		
	ArmstrongGOS22 (12.21)	JuvinHL23 (12.21)	ZhouGL15 (12.41)	CzerniachowskaWZ23 (12.45)	LiFJZLL22 (12.65)
ArmstrongGOS22	GroleazNS20 (0.15)	ParkUJR19 (0.12)	Laborie18a (0.08)	ColT2019a (0.08)	ColT19 (0.08)
	ZhouGL15 (9.00)	JuvinHL23 (9.38)	ZhangJZL22 (9.49)	Beck06 (9.54)	PerezGSL23 (9.70)
AronHY2004	YunesAH10 (0.62)	Hooker05b (0.60)	Hooker04 (0.52)	Hooker05a (0.49)	Hooker05 (0.48)
	CambazardJ05 (5.29)	ChapadosJR11 (5.92)	Benders62 (6.08)	ApplegateC91 (6.24)	Baptiste09 (6.24)
AronssonBK09					
	HebrardTW05 (6.48)	AngelsmarkJ00 (6.56)	Vilim03 (6.78)	BeldiceanuC01 (6.78)	AbrilSB05 (6.86)
ArtiguesBF04	ArtiguesF07 (0.59)	GrimesH10 (0.48)	Wolf03 (0.32)	DejemeppeCS15 (0.29)	SourdN00 (0.26)
	ArtiguesF07 (4.69)	FocacciLN00 (7.07)	MenciaSV13 (7.07)	NuijtenA94 (7.21)	CarlierP89 (7.35)
ArtiguesDN08	BertholdHMLS10 (0.11)	SchuttFSW11 (0.08)	LiW08 (0.08)	AkkerDH07 (0.06)	DemasseyAM05 (0.06)
ArtiguesF07	ArtiguesBF04 (0.59)	GrimesH10 (0.27)	SourdN00 (0.26)	DorndorffPH99 (0.24)	GrimesHM09 (0.23)
	ArtiguesBF04 (4.69)	MenciaSV13 (7.35)	FocacciLN00 (7.48)	MenciaSV12 (7.55)	CauwelaertDMS16 (7.75)
ArtiguesHQT21					
	BertholdHMLS10 (7.35)	Caseau97 (7.55)	Caballero23 (7.62)	HookerY02 (7.75)	Puget95 (7.87)
ArtiguesL14	NattafAL15 (0.51)	NattafAL17 (0.44)	DerrienP14 (0.40)	ArtiguesLH13 (0.39)	Tesch18 (0.28)
ArtiguesLH13	ArtiguesL14 (0.39)	NattafAL15 (0.29)	NattafALR16 (0.20)	NishikawaSTT18 (0.13)	NattafHKAL19 (0.12)
ArtiguesR00	DilkinaDH05 (0.20)	GeibingerMM19 (0.11)	HeckmanB11 (0.08)	BruckerK00 (0.08)	HerroelenRD98 (0.07)
	AdamsBZ88 (8.06)	HentenryckM04 (8.19)	OzturkTHO12 (8.37)	DemasseyAM05 (8.54)	BartuschMR88 (8.54)
ArtiouchineB05	Vilim05 (0.67)	Wolf05 (0.60)	MonetteDD07 (0.52)	VilimBC04 (0.39)	Wolf03 (0.37)
	VilimBC04 (7.35)	VilimBC05 (7.62)	MonetteDD07 (7.75)	CauwelaertDMS16 (7.94)	TorresL00 (8.00)
Astrand0F21	AstrandJZ18 (0.48)	AstrandJZ20 (0.34)	SialaAH15 (0.19)	AntuoriHHEN20 (0.12)	GaySS14 (0.11)
	AstrandJZ20 (7.28)	ValleMGT03 (7.62)	VanczaM01 (7.87)	FontaineMH16 (7.87)	AdamsBZ88 (7.87)
Astrand21					
	AstrandJZ20 (10.77)	JainM99 (13.23)	Astrand0F21 (13.30)	AfsarVPG23 (13.82)	BeckF98 (14.00)
AstrandJZ18	AstrandJZ20 (0.75)	Astrand0F21 (0.48)	GrimesHM09 (0.17)	Davenport10 (0.17)	Limtanyakul07 (0.15)
	LouieVNB14 (5.74)	LiuJ06 (5.83)	MurphyMB15 (5.92)	FortinZDF05 (6.08)	ChapadosJR11 (6.24)
AstrandJZ20	AstrandJZ18 (0.75)	Astrand0F21 (0.34)	CampeauG22 (0.22)	GroleazNS20 (0.16)	BlomBPS14 (0.15)
	Astrand0F21 (7.28)	BeckPS03 (8.49)	HeckmanB11 (8.77)	Beck07 (8.83)	FoxS90 (8.89)
AwadMDMT22	AbreuNP23 (0.50)	KlankeBYE21 (0.44)	HeinzNVH22 (0.28)	AbreuN22 (0.17)	EscobetPQPRA19 (0.17)
BadicaBI20	BadicaBIL19 (0.85)	KameugneF13 (0.06)	LombardiBM15 (0.06)	BruckerK00 (0.06)	KameugneFSN11 (0.05)
	BadicaBIL19 (7.28)	LombardiBM15 (8.00)	FortinZDF05 (8.12)	LombardiM13 (8.49)	LombardiM12a (8.49)
BadicaBIL19	BadicaBI20 (0.85)	ZarandiASC20 (0.04)	BruckerDMNP99 (0.01)	KolischS97 (0.00)	
	ZibranR11a (5.92)	ZibranR11 (6.00)	HebrardALLCMR22 (6.16)	ChapadosJR11 (6.24)	LiuJ06 (6.32)
BajestaniB11	WuBB09 (0.05)	BidotVLB09 (0.03)	Hooker05 (0.03)	GrahamLLK79 (0.00)	
	HookerO03 (6.71)	Beck10 (6.86)	CireCH13 (7.07)	HookerY02 (7.28)	ChuX05 (7.35)

Table 98: Most Similar Works

Work	1	2	3	4	5
BajestaniB13	HamdiL13 (0.25)	Beck10 (0.24)	CireCH13 (0.24)	ChuX05 (0.22)	Sadykov04 (0.16)
	BajestaniB11 (7.48)	CobanH11 (9.80)	Beck10 (9.95)	ElciOH22 (10.00)	HeinzKB13 (10.20)
BajestaniB15	GuyonLPR12 (0.23)	CireCH13 (0.20)	CobanH10 (0.17)	CireCH16 (0.16)	TranAB16 (0.16)
	PenzDN23 (8.72)	BajestaniB11 (9.17)	Beck10 (9.43)	CobanH11 (10.00)	HookerO03 (10.05)
BalducciniI1	ColT19 (0.26)	Simonis95 (0.17)	SchuttWS05 (0.15)	AggounV04 (0.15)	SimonisCK00 (0.14)
	Hooker17 (5.39)	HookerY02 (5.92)	ChuGNSW13 (5.92)	Vilim03 (6.08)	Puget95 (6.08)
BalochG20	ZarandiB12 (0.28)	MartnezAJ22 (0.26)	TranAB16 (0.24)	HechingHK19 (0.24)	ElciOH22 (0.20)
BandaSC11	LiuLH19 (0.17)	GarganiR07 (0.10)	DoulabiRP14 (0.07)	FeydyS09 (0.05)	DoulabiRP16 (0.04)
	LiuLH19 (4.58)	CarchraeBF05 (4.69)	ZhangLS12 (4.80)	AngelsmarkJ00 (4.90)	FrostD98 (4.90)
Baptiste02					
	PapaB98 (13.71)	GokgurHO18 (13.82)	BartakSR10 (13.82)	SourdN00 (14.46)	FahimiI6 (14.73)
Baptiste09					
	KorbaaYG00 (2.00)	LopezAKYG00 (2.00)	BaptisteLV92 (2.00)	CarlierP94 (2.00)	DincbasHSAGB88 (2.00)
BaptisteB18	OuelletQ13 (0.56)	GroleazNS20a (0.38)	KameugneF13 (0.35)	KameugneFSN14 (0.35)	OuelletQ18 (0.28)
	Caseau97 (7.00)	LiessM08 (7.35)	SchuttFSW09 (7.48)	Kameugne15 (7.62)	GayHLS15 (7.75)
BaptisteLPN06	Laborie03 (0.44)	GrimesH15 (0.34)	DorndorfHP99 (0.31)	TanSD10 (0.28)	DannaP04 (0.27)
BaptisteLV92	RodosekW98 (0.44)	Simonis95a (0.22)	Simonis99 (0.17)	Zhou96 (0.15)	Goltz95 (0.15)
	KorbaaYG00 (0.00)	LopezAKYG00 (0.00)	CarlierP94 (0.00)	DincbasHSAGB88 (0.00)	ApplegateC91 (0.00)
BaptisteP00	SchuttW10 (0.20)	Vilim09 (0.20)	BruckerK00 (0.20)	DemasseyAM05 (0.16)	KameugneF13 (0.15)
	BaptisteP97 (3.46)	BaptistePN99 (7.28)	DemasseyAM05 (7.68)	LiessM08 (8.25)	BeckF00 (8.60)
BaptisteP97	DorndorfHP99 (0.33)	KameugneFGOQ18 (0.31)	DemasseyAM05 (0.29)	Colombani96 (0.27)	NuijtenA96 (0.25)
	BaptisteP00 (3.46)	DemasseyAM05 (6.08)	BaptistePN99 (6.24)	LiessM08 (7.07)	KolischS97 (7.81)
BaptistePN01	Laborie03 (0.12)	AggounB93 (0.11)	Vilim04 (0.11)	JainG01 (0.10)	MercierH08 (0.09)
BaptistePN99	BruckerK00 (0.17)	Vilim11 (0.10)	CarlierP90 (0.10)	ArtiguesL14 (0.10)	MercierH08 (0.10)
	BaptisteP97 (6.24)	DemasseyAM05 (7.07)	BaptisteP00 (7.28)	LiessM08 (7.94)	HanenKP21 (8.12)
BarlattCG08	ElkhyariGJ02 (0.13)	NuijtenA96 (0.13)	HebrardHJMPV16 (0.12)	BertholdHLMS10 (0.11)	WikarekS19 (0.10)
	AngelsmarkJ00 (3.46)	CarchraeBF05 (4.47)	KovacsEKV05 (4.69)	Baptiste09 (4.80)	HebrardTW05 (4.80)
Bartak02	Bartak02a (0.62)	MonetteDD07 (0.13)	Zhou97 (0.10)	VilimBC05 (0.07)	YuraszeckMPV22 (0.06)
	Bartak02a (5.20)	Caseau97 (5.29)	Puget95 (5.74)	AngelsmarkJ00 (5.83)	FortinZDF05 (5.92)
Bartak02a	Bartak02 (0.62)	BartakS11 (0.17)	VilimBC04 (0.15)	VilimBC05 (0.14)	MonetteDD07 (0.10)
	KovacsV04 (4.90)	Bartak02 (5.20)	BartakCS10 (5.66)	HeipckeCCS00 (5.83)	KovacsV06 (5.83)
Bartak14					
BartakCS10	LombardiM10a (0.38)	CestaOS98 (0.29)	LombardiM09 (0.22)	BeldiceanuCDP11 (0.20)	CobanH10 (0.18)
	LombardiM13 (5.29)	Bartak02a (5.66)	KovacsEKV05 (5.92)	Bonfietti16 (5.92)	Puget95 (6.00)
BartakS11	VilimBC04 (0.29)	VilimBC05 (0.25)	Colombani96 (0.25)	Rodriguez07 (0.22)	NuijtenA96 (0.22)
	WolfS05 (5.20)	KhemmoudjPB06 (5.48)	GomesHS06 (5.57)	JelinekB16 (5.83)	AngelsmarkJ00 (5.83)
BartakSR08	BartakSR10 (0.52)	GarridoAO09 (0.23)	Laborie03 (0.23)	BaptisteLPN06 (0.22)	BriandHHL08 (0.19)
BartakSR10	BartakSR08 (0.52)	SadehF96 (0.21)	BaptisteLPN06 (0.17)	EsquirolLH2008 (0.16)	BeckF00 (0.15)
	GokgurHO18 (9.70)	SourdN00 (9.70)	BeckF00 (10.10)	FahimiOQ18 (10.15)	OrnekO16 (10.20)
BartakV15					
	BartakCS10 (6.48)	LuoVLBM16 (7.00)	Bartak02a (7.21)	FoxAS82 (7.21)	LombardiM13 (7.35)
BartoliniBBLM14	GilesH16 (0.44)	BridiBLMB16 (0.21)	BorghesiBLMB18 (0.17)	BaptisteLPN06 (0.14)	CohenHB17 (0.13)
	GalleguillosKSB19 (6.00)	BridiLBBM16 (6.56)	Limtanyakul07 (6.63)	Tom19 (6.78)	Hooker17 (7.07)
BartuschMR88	KolischS97 (0.16)	CarlierP90 (0.14)	HerroelenRD98 (0.14)	BruckerDMNP99 (0.13)	DincbasSH90 (0.12)
	OzturkTHO12 (6.71)	AdamsBZ88 (6.78)	Vilim05 (7.07)	HentenryckM04 (7.21)	OzturkTHO15 (7.21)
BarzegaranZP20					
	AngelsmarkJ00 (5.74)	CarchraeBF05 (5.92)	ZibranR11 (5.92)	LiuJ06 (6.08)	HoYCLLCLC18 (6.16)
Beck06					
	WatsonB08 (4.90)	Beck07 (5.57)	HeckmanB11 (5.66)	CarchraeB09 (5.74)	Shaw98 (5.83)
Beck07	WatsonB08 (0.33)	BeckF00 (0.21)	GrimesHM09 (0.16)	BeckFW11 (0.13)	GrimesH10 (0.13)
	HeckmanB11 (5.39)	Beck06 (5.57)	WatsonB08 (5.74)	HentenryckM04 (6.08)	BeckW05 (6.40)

Table 98: Most Similar Works

Work	1	2	3	4	5
Beck10	Hooker05 (0.64)	CobanH11 (0.58)	CireCH16 (0.55)	ChuX05 (0.52)	Hooker05a (0.50)
	HeinzKB13 (5.39)	HookerY02 (5.66)	HookerO03 (5.66)	CireCH13 (6.08)	ChuX05 (6.08)
Beck99					
	BeckF98 (8.37)	BeckF00 (9.49)	BeckDF97 (11.00)	GokgurHO18 (11.05)	VilimBC05 (11.31)
BeckDDF98	BeckF00 (0.12)	HeinzB12 (0.12)	HeinzKB13 (0.11)	CobanH10 (0.11)	Muscettola02 (0.09)
BeckDF97	BeckF00 (0.46)	GrimesHM09 (0.25)	TorresL00 (0.24)	Taillard93 (0.22)	BaptisteLPN06 (0.22)
	BeckF00 (6.40)	KovacsV04 (6.71)	Caseau97 (6.78)	LauLN08 (6.78)	VilimBC04 (7.00)
BeckF00	BeckDF97 (0.46)	BeckF00a (0.44)	Colombani96 (0.33)	WatsonB08 (0.32)	Zhou96 (0.31)
	BeckDF97 (6.40)	VilimBC04 (6.48)	VilimBC05 (6.93)	Vilim05 (7.14)	DejemeppeCS15 (7.55)
BeckF00a	BeckF00 (0.44)	HebrardTW05 (0.31)	VilimBC05 (0.28)	Colombani96 (0.27)	Zhou96 (0.24)
BeckF98					
	BeckDF97 (7.42)	BeckF00 (7.62)	BeckPS03 (7.75)	HeipckeCCS00 (8.12)	ZhangYW21 (8.19)
BeckFW11	WatsonB08 (0.79)	GrimesHM09 (0.53)	CarchraeB09 (0.41)	HeckmanB11 (0.40)	MenciaSV13 (0.30)
	WatsonB08 (4.12)	CarchraeB09 (6.16)	Beck06 (6.24)	Beck07 (6.78)	HeckmanB11 (6.86)
BeckPS03					
	HeckmanB11 (5.92)	KovacsV06 (6.00)	FoxS90 (6.08)	KhayatLR06 (6.24)	Vilim05 (6.40)
BeckR03	KelbelH11 (0.20)	DannaP03 (0.16)	KamarainenS02 (0.16)	GrimesH10 (0.10)	GrimesHM09 (0.09)
	DannaP03 (6.86)	MonetteDH09 (7.35)	FoxS90 (7.35)	HeckmanB11 (7.48)	BeckPS03 (7.55)
BeckW04					
	BeckW05 (4.36)	HeckmanB11 (6.08)	BridiLBBM16 (6.24)	BonfiettiLM14 (6.40)	LauLN08 (6.56)
BeckW05					
	BeckW04 (4.36)	Puget95 (5.20)	HeckmanB11 (5.48)	DoomsH08 (6.00)	LauLN08 (6.00)
BeckW07	WuBB09 (0.12)	BonfiettiLM14 (0.07)	RossiTHP07 (0.06)	LombardiM09 (0.06)	Muscettola02 (0.05)
	BeckPS03 (6.78)	BonfiettiLM14 (7.00)	BeckW04 (7.07)	LombardiBM15 (7.35)	KolischS97 (7.55)
Bedhief21					
	JuvinHL23 (8.19)	ZhangJZL22 (8.54)	LorigeonBB02 (8.66)	BogaerdTW19 (8.83)	BillautHL12 (9.06)
BegB13	MalikMB08 (0.24)	LozanoCDS12 (0.07)	Benders62 (0.06)	Geoffrion72 (0.06)	EreminW01 (0.06)
	MalikMB08 (4.90)	Malik08 (5.29)	Ertik91 (5.57)	KuchcinskiW03 (5.74)	LozanoCDS12 (6.32)
BehrensLM19	WessenCS20 (0.42)	CarchraeB09 (0.13)	BoothNB16 (0.12)	WallaceY20 (0.12)	Simonis99 (0.12)
	abs-1901-07914 (2.00)	WessenCS20 (6.00)	ValleMGT03 (6.08)	JungblutK22 (6.32)	GarridoOS08 (6.40)
BeldiceanuC01	Wolf03 (0.22)	BeldiceanuCP08 (0.14)	Vilim04 (0.14)	VilimBC04 (0.13)	BeldiceanuC02 (0.12)
	HebrardALLCMR22 (4.80)	HebrardTW05 (5.48)	Vilim03 (5.48)	FalaschiGMP97 (5.48)	AbrilSB05 (5.57)
BeldiceanuC02	LetortBC12 (0.50)	WolfS05a (0.45)	Wolf03 (0.39)	Vilim09 (0.36)	SimoninAHL12 (0.35)
	PoderB08 (5.66)	BeldiceanuP07 (6.08)	WolfS05 (6.08)	PoderBS04 (6.32)	Madi-WambaLOBM17 (6.56)
BeldiceanuC94	SimonisC95 (0.29)	Goltz95 (0.28)	AggounB93 (0.27)	BrusoniCLMMT96 (0.24)	Simonis95 (0.22)
	Simonis95a (7.55)	Simonis95 (7.62)	SimonisCK00 (7.87)	JaffarM94 (8.06)	GruianK98 (8.19)
BeldiceanuCDP11	BeldiceanuCP08 (0.94)	Simonis95 (0.36)	AggounV04 (0.33)	SimonisCK00 (0.31)	Vilim09a (0.26)
	BeldiceanuCP08 (6.16)	BeldiceanuP07 (7.81)	WolfS05 (7.94)	PoderB08 (8.12)	Caseau97 (8.25)
BeldiceanuCP08	BeldiceanuCDP11 (0.94)	Vilim09a (0.44)	LetortBC12 (0.34)	Simonis95 (0.33)	SimonisC95 (0.32)
	BeldiceanuP07 (5.74)	WolfS05 (6.08)	PoderB08 (6.16)	BeldiceanuCDP11 (6.16)	Caseau97 (6.32)
BeldiceanuP07	SchuttS16 (0.42)	WolfS05a (0.31)	LombardiM09 (0.29)	Wolf05 (0.27)	DavenportKRSH07 (0.22)
	PoderB08 (3.00)	WolfS05 (3.46)	Caseau97 (5.00)	SimonisH11 (5.10)	SimoninAHL15 (5.48)
BelhadjiI98	MintonJPL92 (0.00)	DechterMP91 (0.00)			
	Colombani96 (6.48)	Zhou96 (6.48)	FoxAS82 (6.93)	SialaAH15 (7.00)	FontaineMH16 (7.00)
BenderWS21	Polo-MejiaALB20 (0.22)	Ham20 (0.14)	Ham20a (0.14)	LunardiBLRV20 (0.12)	CauwelaertDS20 (0.11)
	BridiLBBM16 (5.92)	ElkhyariGJ02 (6.24)	LiessM08 (6.32)	LombardiM13 (6.32)	GarridoOS08 (6.40)
Benders62	Geoffrion72 (0.28)	JelinekB16 (0.18)	RahmanianiCGR17 (0.14)	HookerO03 (0.12)	Lauriere78 (0.10)
	BaptisteLV92 (2.00)	ApplegateC91 (2.00)	KorbaaYG00 (2.00)	LopezAKYG00 (2.00)	CarlierP94 (2.00)
BenediktMH20	HeinzNVH22 (0.38)	YounespourAKE19 (0.25)	HampP21 (0.19)	HampPK21 (0.16)	BenediktSMVH18 (0.13)
	BenediktSMVH18 (6.08)	HebrardTW05 (7.07)	Shaw98 (7.14)	FoxAS82 (7.35)	BogaerdTW19 (7.42)
BenediktSMVH18	BenediktMH20 (0.13)	OddiPCC03 (0.11)	CarlierP94 (0.09)	DejemeppeCS15 (0.09)	CarlierP90 (0.09)
	HebrardTW05 (5.74)	LauLN08 (6.00)	BenediktMH20 (6.08)	AngelsmarkJ00 (6.32)	KovacsEKV05 (6.32)
BeniniBGM05	Hooker05a (0.75)	Hooker05 (0.61)	BeniniBGM06 (0.57)	Hooker04 (0.55)	BeniniLMR08 (0.53)
	BeniniLMR08 (5.10)	BeniniBGM06 (6.24)	RuggieroBBMA09 (6.71)	BeniniLMR11 (7.07)	BeniniLMMR08 (7.14)

Table 98: Most Similar Works

Work	1	2	3	4	5
BeniniBGM06	Hooker05a (0.67)	CambazardJ05 (0.64)	Hooker04 (0.63)	Hooker05 (0.59)	BeniniBGM05 (0.57)
	BeniniLMMR08 (6.16)	BeniniLMMR08 (6.24)	BeniniBGM05 (6.24)	Bonfietti16 (6.32)	RuggieroBBMA09 (6.32)
BeniniLMMR08	BeniniLMR11 (0.76)	BeniniLMR08 (0.66)	CobanH11 (0.59)	BeniniBGM06 (0.57)	CireCH13 (0.54)
	BeniniLMR11 (4.36)	FortinZDF05 (5.39)	BeniniLMR08 (5.74)	Hooker04 (5.83)	CireCH16 (6.00)
BeniniLMR08	BeniniLMMR08 (0.66)	BeniniLMR11 (0.56)	BeniniBGM05 (0.53)	BeniniBGM06 (0.46)	LombardiMRB10 (0.41)
	BeniniBGM05 (5.10)	BeniniLMR11 (5.48)	BeniniLMMR08 (5.74)	BeniniBGM06 (6.24)	Bonfietti16 (6.24)
BeniniLMR11	BeniniLMMR08 (0.76)	BeniniLMR08 (0.56)	BeniniBGM06 (0.46)	CambazardHDJT04 (0.40)	CireCH13 (0.40)
	BeniniLMMR08 (4.36)	BeniniLMR08 (5.48)	Hooker04 (6.40)	BeniniBGM06 (6.86)	BeniniBGM05 (7.07)
BenoistGR02	Hooker04 (0.45)	EreminW01 (0.42)	CambazardHDJT04 (0.34)	Hooker05a (0.33)	Hooker05 (0.32)
	CambazardJ05 (4.69)	LiuLH19 (5.74)	Tsang03 (5.83)	HebrardALLCMR22 (5.83)	Baptiste09 (5.92)
BensanaLV99	VerfaillieL01 (0.13)	OddiPCC03 (0.06)	FeydyS09 (0.03)	Hooker07 (0.02)	Beck10 (0.02)
	Benders62 (5.48)	BandaSC11 (5.57)	AbrilSB05 (5.74)	KorbaaYG00 (5.83)	LopezAKYG00 (5.83)
BertholdHLMS10	HeinzS11 (0.70)	SchuttW10 (0.35)	SchuttFSW11 (0.32)	SchuttFSW13 (0.32)	HeinzSB13 (0.30)
	HeinzS11 (5.48)	HookerY02 (5.66)	Caballero23 (6.16)	LombardiM13 (6.32)	CestaOS98 (6.40)
BessiereHMQW14	HoundjiSWD14 (0.20)	PesantRR15 (0.20)	PerronSF04 (0.18)	GayHLS15 (0.11)	HoundjiSW19 (0.10)
	ErtIK91 (6.08)	LozanoCDS12 (6.63)	MalikMB08 (6.78)	LiuJ06 (6.78)	VancaM01 (6.93)
BidotVLB09	Kumar03 (0.18)	CestaOPS14 (0.16)	LombardiM09 (0.16)	SourdN00 (0.15)	Wolf03 (0.15)
	BeckPS03 (7.55)	FoxS90 (7.87)	BeckW07 (8.77)	BartakV15 (9.00)	NovasH10 (9.00)
BillautHL12	GrimesH11 (0.16)	GrimesH10 (0.15)	BriandHHL08 (0.15)	GrimesH15 (0.13)	SialaAH15 (0.11)
	DilkinaDH05 (6.24)	Taillard93 (6.71)	FoxAS82 (6.86)	JuvinHL23 (7.00)	CarlierP89 (7.21)
Bit-Monnot23					
	GrimesHM09 (7.21)	SialaAH15 (7.35)	Vilim05 (8.00)	HentenryckM04 (8.00)	MalapertCGJLR13 (8.19)
BlazewiczDP96	JainM99 (0.67)	DomdorfPH03 (0.39)	DorndorfPH99 (0.24)	ColT22 (0.22)	Dorndorf2000 (0.20)
	JainM99 (9.38)	BeckF98 (10.05)	SourdN00 (10.05)	MenciaSV12 (10.05)	MenciaSV13 (10.10)
BlazewiczEP19	BaptisteLPN06 (0.03)	LaborieRSV18 (0.01)	BlazewiczLK83 (0.01)	HarjunkoskiMBC14 (0.00)	GrahamLLK79 (0.00)
BlazewiczLK83	KolischH06 (0.28)	KolischS97 (0.27)	BruckerDMNP99 (0.24)	HartmannB10 (0.22)	HerroelenRD98 (0.19)
	MalapertCGJLR13 (7.14)	HeipckeCCS00 (7.28)	FoxAS82 (7.28)	LauLN08 (7.35)	Vilim05 (7.35)
BlomBPS14	BlomPS16 (0.93)	AstrandJZ20 (0.15)	CampeauG22 (0.09)	AstrandJZ18 (0.08)	HillBCGN22 (0.04)
	BlomPS16 (5.74)	LipovetzkyBPS14 (6.63)	Puget95 (7.00)	NishikawaSTT18 (7.00)	LombardiM13 (7.00)
BlomPS16	BlomBPS14 (0.93)	HillBCGN22 (0.09)	AstrandJZ20 (0.09)	AstrandJZ18 (0.07)	CampeauG22 (0.07)
	BlomBPS14 (5.74)	QuSN06 (6.40)	AngelsmarkJ00 (6.56)	BridiLBBM16 (6.56)	NishikawaSTT18 (6.63)
BocewiczBB09					
	LiuJ06 (6.08)	LozanoCDS12 (6.08)	Puget95 (6.16)	KorbaaYG99 (6.24)	AngelsmarkJ00 (6.40)
BockmayrH05	Hooker02 (0.38)	Hooker06a (0.36)	AronHY2004 (0.29)	MilanoORT02 (0.22)	JainG01 (0.22)
	YunesAH10 (9.49)	JainG01 (9.80)	Hooker05a (10.25)	SimonisCK00 (10.25)	Hooker06 (10.30)
BockmayrK98	RodosekWH99 (0.39)	HookerO99 (0.36)	JainG01 (0.24)	EreminW01 (0.23)	Simonis99 (0.22)
BockmayrP06	HookerY02 (0.43)	SadykovW06 (0.36)	AronHY2004 (0.33)	RoePS05 (0.32)	CireCH13 (0.27)
BofillCSV17	GeibingerMM19 (0.22)	LombardiM13 (0.16)	LombardiM12a (0.16)	LiessM08 (0.15)	EdwardsBSE19 (0.15)
	LombardiM12a (4.80)	LombardiM13 (5.00)	KolischS97 (5.66)	SchnellH15 (5.74)	SchuttCSW12 (5.92)
BofillEGPSV14	PesantRR15 (0.50)	BofillGSV15 (0.42)	SzerediS16 (0.17)	KelarevaTK13 (0.16)	KreterSS15 (0.15)
	BofillGSV15 (5.83)	CarchraeBF05 (6.56)	AngelsmarkJ00 (6.56)	ZhangLS12 (6.63)	GelainPRVW17 (6.71)
BofillGSV15	BofillEGPSV14 (0.42)	PesantRR15 (0.38)			
	ZhangLS12 (4.47)	CarchraeBF05 (4.58)	Baptiste09 (4.69)	FrostD98 (4.80)	ZibranR11 (4.80)
BogaerdtW19	Hooker17 (0.44)	HamdiL13 (0.15)	GroleazNS20 (0.10)	GroleazNS20a (0.09)	OddiPCC03 (0.09)
	BenediktSMVH18 (7.07)	BenediktMH20 (7.42)	BillautHL12 (7.48)	HebrardTW05 (7.55)	Hooker17 (7.68)
Bonfietti16	BonfiettiLBM11 (0.18)	BonfiettiLBM12 (0.13)	BonfiettiLBM14 (0.12)	LombardiBMB11 (0.06)	BeniniLMR11 (0.06)
	LombardiM13 (5.39)	ElkhyariGJ02 (5.48)	BonfiettiM12 (5.57)	BonfiettiLBM11 (5.74)	LombardiM10 (5.83)
BonfiettiLBM11	LombardiBMB11 (0.80)	BonfiettiLBM12 (0.48)	BonfiettiLBM14 (0.41)	Bonfietti16 (0.18)	Muscettola02 (0.11)
	LombardiBMB11 (4.12)	BonfiettiM12 (4.69)	BonfiettiLBM12 (5.00)	BonfiettiLBM14 (5.48)	BonfiettiLM13 (5.66)
BonfiettiLBM12	BonfiettiLBM11 (0.48)	BonfiettiLBM14 (0.38)	BeniniLMR08 (0.22)	LombardiBMB11 (0.17)	Davenport10 (0.15)
	BonfiettiLM13 (4.36)	BonfiettiLBM11 (5.00)	BonfiettiLBM14 (5.00)	LombardiBMB11 (5.10)	BonfiettiM12 (6.24)
BonfiettiLBM14	BonfiettiLBM11 (0.41)	BonfiettiLBM12 (0.38)	BonfiettiLM13 (0.22)	LombardiBMB11 (0.21)	OzturkTHO15 (0.13)
	BonfiettiLBM12 (5.00)	BonfiettiLBM11 (5.48)	LombardiBMB11 (6.08)	BonfiettiZLM16 (6.71)	BonfiettiLM13 (7.21)

Table 98: Most Similar Works

Work	1	2	3	4	5
BonfiettiLM13	BonfiettiLBM14 (0.22)	LetortBC12 (0.11)	Vilim04 (0.09)	MercierH08 (0.06)	
	BonfiettiLBM12 (4.36)	LombardiBMB11 (5.57)	BonfiettiLBM11 (5.66)	BonfiettiM12 (5.66)	LombardiM13 (5.83)
BonfiettiLM14	LombardiMB13 (0.21)	LombardiBM15 (0.20)	WuBB09 (0.16)	LombardiBMB11 (0.16)	LombardiM13 (0.16)
	LombardiBM15 (4.12)	BeckW04 (6.40)	LombardiM12a (6.56)	FortinZDF05 (7.00)	BeckW07 (7.00)
BonfiettiM12					
BonfiettiZLM16	KovacsEKV05 (4.36)	CestaOS98 (4.36)	Caballero23 (4.47)	LombardiM13 (4.47)	AngelsmarkJ00 (4.58)
	OuelletQ13 (0.32)	LetortCB13 (0.29)	Vilim09 (0.27)	Vilim09a (0.27)	KameugneF13 (0.27)
	BonfiettiLBM12 (6.48)	BonfiettiLM13 (6.56)	BonfiettiLBM14 (6.71)	LombardiBMB11 (6.78)	SimoninAHL12 (6.93)
BonninMNE24					
BoothNB16	SourdN00 (8.77)	KovacsB11 (9.11)	HeipckeCCS00 (9.33)	KovacsB07 (9.33)	OzturkTHO12 (9.33)
	BoothTNB16 (0.30)	Laborie18a (0.15)	GilesH16 (0.15)	KovacsV04 (0.14)	LaborieRSV18 (0.14)
	TranVNB17 (4.69)	TranVNB17a (4.69)	NishikawaSTT19 (5.74)	MurphyMB15 (5.83)	NishikawaSTT18a (5.83)
BoothTNB16	BoothNB16 (0.30)	Laborie18a (0.26)	GilesH16 (0.22)	LouieVNB14 (0.18)	BeckF00 (0.15)
BorghesiBLMB18	BartoliniBBLM14 (0.17)	GalleguillosKSB19 (0.12)	BridiBLMB16 (0.09)	GilesH16 (0.07)	MelgarejoLS15 (0.05)
	BridiBLMB16 (7.21)	BridiLBBM16 (7.28)	HurleyOS16 (7.55)	GalleguillosKSB19 (7.62)	AstrandJZ18 (7.81)
BosiM2001	Simonis07 (0.28)	Simonis99 (0.27)	Simonis95a (0.25)	SimonisCK00 (0.24)	Goltz95 (0.21)
BoucherBVBL97					
BoudreaultSLQ22					
	YoungFS17 (8.00)	SzerediS16 (8.72)	LiessM08 (9.11)	abs-1009-0347 (9.17)	SchuttFS13a (9.27)
BourdaisGP03	WeilHFP95 (0.24)	OzturkTHO12 (0.12)	ZeballosQH10 (0.10)	Simonis07 (0.09)	NovasH12 (0.09)
	HoYCLLC18 (5.29)	abs-1902-01193 (5.66)	AngelsmarkJ00 (5.74)	BandaSC11 (5.74)	LiuLH19 (6.00)
BourreauGGLT22	YunusogluY22 (0.08)	NaderiBZR23 (0.07)	RendlPHPR12 (0.07)	GokgurHO18 (0.06)	HechingHK19 (0.05)
	Puget95 (8.83)	MelgarejoLS15 (9.11)	Wallace06 (9.11)	MouraSCL08a (9.22)	Shaw98 (9.22)
BrailsfordPS99	NuijtenA96 (0.26)	JainG01 (0.24)	LustigP01 (0.18)	TrojetHL11 (0.18)	BeckF00 (0.17)
BreitingerL95					
BriandHHL08	LiuGT10 (0.32)	GrimesHM09 (0.30)	TanSD10 (0.24)	EsquirolLH2008 (0.24)	GrimesH10 (0.24)
BridiBLMB16	BartoliniBBLM14 (0.21)	NishikawaSTT18a (0.11)	NishikawaSTT19 (0.10)	BorghesiBLMB18 (0.09)	BaptisteLPN06 (0.09)
	BorghesiBLMB18 (7.21)	BartoliniBBLM14 (7.75)	GalleguillosKSB19 (8.12)	BridiLBBM16 (8.19)	Balduccini11 (8.31)
BridiLBBM16					
	LuoVLBM16 (5.48)	BonfiettiM12 (5.57)	AngelsmarkJ00 (5.83)	ElkhyariGJ02 (5.83)	BenderWS21 (5.92)
BruckerDMNP99	HerroelenRD98 (0.61)	KolischH06 (0.41)	KolischS97 (0.36)	HartmannB10 (0.35)	BlazewiczLK83 (0.24)
	MenciaSV12 (8.77)	BartuschMR88 (8.83)	OzturkTHO12 (9.00)	DemasseyAM05 (9.27)	ChenGPSH10 (9.33)
BruckerK00	DemasseyAM05 (0.54)	LiessM08 (0.41)	ElkhyariGJ02a (0.31)	ElkhyariGJ02 (0.29)	BaptisteP97 (0.22)
BrusoniCLMMT96	Goltz95 (0.25)	BeldiceanuC94 (0.24)	AngelsmarkJ00 (0.22)	Simonis95a (0.19)	Muscettola02 (0.15)
	LammaMM97 (5.20)	LombardiM13 (5.83)	Bartak02 (5.92)	Bonfietti16 (6.08)	FortinZDF05 (6.16)
BukchinR18	KreterSSZ18 (0.15)	OzturkTHO15 (0.15)	GedikKEK18 (0.15)	OzturkTHO13 (0.14)	PourDERB18 (0.13)
BurtLPS15	BofillEGPSV14 (0.11)	KelarevaTK13 (0.11)	ColT19 (0.10)	Mercier-AubinGQ20 (0.10)	SzerediS16 (0.09)
	KovacsV04 (7.62)	KovacsV06 (7.62)	LipovetzkyBPS14 (7.81)	LozanoCDS12 (7.81)	HeipckeCCS00 (7.87)
Caballero19					
	abs-1009-0347 (8.77)	SchuttFS13a (9.22)	SchuttFSW13 (9.22)	BofillCSV17 (9.43)	SchnellH15 (9.70)
Caballero23					
	KovacsEKV05 (3.00)	CestaOS98 (3.00)	Baptiste09 (3.16)	Tsang03 (3.32)	CarchraeBF05 (3.61)
CambazardHDJT04	Hooker04 (0.64)	Hooker05a (0.60)	HladikCDJ08 (0.59)	CambazardJ05 (0.58)	Hooker05 (0.49)
	AlesioNBG14 (6.63)	BeniniLMR08 (6.71)	AkramNHRSA23 (7.28)	NishikawaSTT19 (7.48)	Bonfietti16 (7.62)
CambazardJ05	Hooker05a (0.83)	Hooker05 (0.74)	BeniniBGM06 (0.64)	Hooker04 (0.63)	CambazardHDJT04 (0.58)
	Baptiste09 (3.61)	BaptisteLV92 (3.61)	ApplegateC91 (3.61)	KorbaaYG00 (3.61)	LopezAKYG00 (3.61)
CampeauG22	AstrandJZ20 (0.22)	EdwardsBSE19 (0.13)	HauderBRPA20 (0.12)	GuSW12 (0.10)	SchnellH15 (0.10)
	LombardiM10 (5.39)	LombardiM09 (6.08)	LombardiM13 (6.32)	NishikawaSTT18a (6.93)	TrojetHL11 (7.00)

Table 98: Most Similar Works

Work	1	2	3	4	5
CappartS17	GilesH16 (0.56)	FrankDT16 (0.33)	TangB20 (0.25)	LaborieR14 (0.21)	GedikKBR17 (0.18)
	Rodriguez07b (7.00)	BrusoniCLMMT96 (7.14)	RodriguezS09 (7.21)	RodriguezDG02 (7.42)	Puget95 (7.55)
CappartTSR18	CauwelaertLS18 (0.36)	DejemeppeCS15 (0.36)	ThomasKS20 (0.30)	GayHLS15 (0.25)	Laborie18a (0.23)
	ThomasKS20 (5.57)	DejemeppeD14 (8.19)	GoelSHFS15 (8.31)	ZibranR11a (8.49)	Puget95 (8.72)
CarchraeB09	PerronSF04 (0.42)	BeckFW11 (0.41)	GrimesH15 (0.38)	DannaP03 (0.33)	SchausHMCMD11 (0.28)
	Beck06 (5.74)	WatsonB08 (5.92)	BeckFW11 (6.16)	FontaineMH16 (6.40)	KovacsV06 (6.48)
CarchraeBF05					
	Baptiste09 (2.24)	AngelsmarkJ00 (2.45)	AbrilSB05 (3.16)	FrostD98 (3.16)	LiuJ06 (3.16)
Carlier82	CarlierP94 (0.33)	CarlierP90 (0.32)	CarlierP89 (0.26)	AdamsBZ88 (0.21)	ApplegateC91 (0.14)
CarlierP89	Carlier82 (0.26)	CarlierP94 (0.25)	CarlierP90 (0.22)	JainM99 (0.12)	BlazewiczDP96 (0.11)
	CarlierP90 (5.39)	AdamsBZ88 (6.00)	Zhou96 (6.40)	DilkinaDH05 (6.56)	Colombani96 (6.56)
CarlierP90	CarlierP94 (1.26)	AggounB93 (0.35)	SourdN00 (0.34)	Carlier82 (0.32)	CarlierP89 (0.22)
	CarlierP89 (5.39)	MonetteDD07 (6.63)	Wolf03 (6.78)	MenciaSV13 (7.14)	Shaw98 (7.28)
CarlierP94	CarlierP90 (1.26)	SourdN00 (0.40)	TorresL00 (0.38)	Carlier82 (0.33)	AggounB93 (0.30)
	BaptisteLV92 (0.00)	KorbaaYG00 (0.00)	LopezAKYG00 (0.00)	DincbasHSAGB88 (0.00)	ApplegateC91 (0.00)
CarlierPSJ20	CarlierSJP21 (0.67)	Tesch18 (0.61)	OuelletQ18 (0.58)	ArkhipovBL19 (0.41)	YangSS19 (0.37)
CarlierSJP21	CarlierPSJ20 (0.67)	Tesch16 (0.49)	FahimiOQ18 (0.44)	EdwardsBSE19 (0.42)	OuelletQ18 (0.41)
Caseau97					
	AngelsmarkJ00 (4.24)	Puget95 (4.36)	KovacsV04 (5.00)	WolfS05 (5.00)	BeldiceanuP07 (5.00)
CastroGR10	JainG01 (0.38)	HookerH17 (0.23)	CobanH11 (0.23)	Hooker06a (0.22)	YunesAH10 (0.19)
CatusseCBL16					
	FoxAS82 (6.40)	Colombani96 (6.56)	Sadykov04 (6.56)	BenediktSMVH18 (6.63)	Limtanyakul07 (6.71)
CauwelaertDMS16	CauwelaertDS20 (0.67)	DejemeppeCS15 (0.52)	GrimesH15 (0.30)	GrimesH10 (0.27)	MurinR19 (0.24)
	CauwelaertDS20 (4.24)	DejemeppeCS15 (4.90)	VilimBC04 (5.20)	VilimBC05 (5.39)	Vilim04 (5.48)
CauwelaertDS20	CauwelaertDMS16 (0.67)	DejemeppeCS15 (0.50)	SchuttS16 (0.40)	WolfS05a (0.36)	MurinR19 (0.28)
	CauwelaertDMS16 (4.24)	DejemeppeCS15 (4.69)	VilimBC05 (5.39)	Vilim04 (6.16)	VilimBC04 (6.24)
CauwelaertLS15	GayHLS15 (0.38)	DejemeppeCS15 (0.35)	HoundjiSWD14 (0.35)	GaySS14 (0.32)	SimonisH11 (0.27)
	CauwelaertLS18 (5.66)	LiuLH19 (6.24)	HeinzS11 (6.40)	BandaSC11 (6.48)	JelinekB16 (6.78)
CauwelaertLS18	CappartTSR18 (0.36)	KameugneFGOQ18 (0.27)	GayHS15a (0.24)	FetgoD22 (0.20)	OuelletQ18 (0.18)
	CauwelaertLS15 (5.66)	HeinzS11 (7.14)	OuelletQ18 (7.68)	Vilim11 (7.87)	GayHS15a (8.12)
CestaOPS14	CarchraeB09 (0.28)	LombardiM13 (0.27)	LombardiM12a (0.27)	LombardiMB13 (0.24)	PraletLJ15 (0.24)
CestaOS98	LombardiM09 (0.33)	BartakCS10 (0.29)	LombardiM10a (0.15)	BeldiceanuCDP11 (0.15)	CobanH10 (0.14)
	KovacsEKV05 (2.83)	Caballero23 (3.00)	WuBB05 (3.16)	Baptiste09 (3.32)	AngelsmarkJ00 (3.46)
ChapadosJR11	OuelletQ22 (0.06)	MusliuSS18 (0.06)	TopalogluO11 (0.06)	GuyonLPR12 (0.05)	MilanoW09 (0.03)
	Baptiste09 (3.46)	CarchraeBF05 (3.61)	ZibranR11 (3.61)	AbrilSB05 (3.87)	AngelsmarkJ00 (3.87)
ChenGPSH10	HeckmanB11 (0.22)	BeckFW11 (0.22)	WatsonB08 (0.20)	GrimesHM09 (0.18)	BeckF00a (0.14)
	Vilim05 (6.86)	BartuschMR88 (7.55)	Bartak02a (7.62)	CauwelaertDMS16 (7.68)	OzturkTHO12 (7.75)
ChuGNSW13					
	WolfS05 (5.48)	PoderBS04 (5.57)	KovacsV04 (5.66)	Caseau97 (5.74)	PoderB08 (5.92)
ChuX05	Hooker05 (0.84)	Hooker06 (0.71)	Hooker05a (0.70)	CireCH13 (0.64)	Hooker04 (0.62)
	HookerY02 (5.00)	HookerO03 (5.92)	Hooker007 (6.08)	Beck10 (6.08)	HeinzKB13 (6.16)
CireCH13	HamdiL13 (1.15)	CireCH16 (0.84)	CobanH11 (0.84)	Hooker06 (0.74)	Hooker07 (0.69)
	HeinzKB13 (4.47)	HookerO03 (4.80)	CireCH16 (5.48)	CobanH10 (5.66)	HookerY02 (5.92)
CireCH16	CobanH11 (0.90)	CireCH13 (0.84)	Hooker07 (0.63)	CobanH10 (0.62)	Beck10 (0.55)
	CireCH13 (5.48)	Hooker04 (5.66)	HeinzKB13 (6.00)	BeniniLMMR08 (6.00)	Hooker05a (6.16)
ClautiauxJCM08	MercierH08 (0.19)	LetortCB13 (0.17)	BonfiettiZLM16 (0.16)	GrimesHM09 (0.15)	BeldiceanuCDP11 (0.15)
Clercq12					
	Derrien15 (8.43)	GayHS15a (9.11)	VilimBC05 (9.17)	VilimBC04 (9.17)	ClercqPBJ11 (9.27)
ClercqPBJ11	LetortBC12 (0.26)	GayHS15a (0.26)	LetortCB15 (0.24)	OuelletQ13 (0.24)	GayHS15 (0.20)
	Vilim04 (7.28)	Vilim09 (7.35)	abs-0907-0939 (7.42)	DerrienPZ14 (7.55)	DerrienP14 (7.62)

Table 98: Most Similar Works

Work	1	2	3	4	5
CobanH10	Hooker06 (0.67)	CireCH13 (0.67)	CireCH16 (0.62)	HamdiL13 (0.58)	Hooker05a (0.57)
	CireCH13 (5.66)	CobanH11 (6.32)	Hooker17 (6.40)	Hooker003 (6.71)	CambazardJ05 (6.78)
CobanH11	CireCH16 (0.90)	CireCH13 (0.84)	Hooker06 (0.74)	Hooker07 (0.66)	BeniniLMMR08 (0.59)
	CobanH10 (6.32)	ElciOH22 (6.63)	CireCH13 (6.78)	Hooker06 (6.86)	HookerO03 (6.86)
CohenHB17	BartoliniBBLM14 (0.13)	GilesH16 (0.11)	NishikawaSTT18 (0.08)	ArtiguesLH13 (0.07)	AlesioNBG14 (0.06)
	CarchraeBF05 (5.66)	AngelsmarkJ00 (5.66)	ZibranR11 (5.66)	ChapadosJR11 (5.74)	Baptiste09 (6.08)
ColT19	ColT2019a (0.91)	VilimLS15 (0.35)	Laborie18a (0.34)	Wolf03 (0.32)	BeckF00 (0.26)
	abs-2102-08778 (5.48)	NuijtenA96 (7.42)	NuijtenA94 (7.48)	Shaw98 (8.12)	DilkinaDH05 (8.19)
ColT2019a	ColT19 (0.91)	Wolf03 (0.35)	MenciaSV12 (0.31)	Laborie18a (0.30)	BeckF00 (0.28)
ColT22	DomdorfPH03 (0.25)	ColT19 (0.24)	DorndorfPH99 (0.22)	BlazewiczDP96 (0.22)	ColT2019a (0.22)
	OujanaAYB22 (10.91)	ColT19 (11.09)	Novas19 (11.36)	abs-2102-08778 (11.36)	CzerniachowskaWZ23 (11.58)
Colombani96	Zhou96 (0.81)	Goltz95 (0.50)	Wolf03 (0.47)	Rodriguez07 (0.36)	Taillard93 (0.36)
	Zhou96 (4.69)	FoxAS82 (5.10)	Limtanyakul07 (6.00)	Goltz95 (6.16)	BelhadjiI98 (6.48)
CorreaLR07	CambazardJ05 (0.36)	Hooker07 (0.35)	Hooker05 (0.33)	BeniniBGM06 (0.33)	Hooker04 (0.28)
	Thorsteinsson01 (7.00)	BeniniLMMR08 (7.14)	Hooker04 (7.42)	CireCH13 (7.55)	BeniniLMR11 (7.62)
CzerniachowskaWZ23					
	JuvinHL23 (8.49)	LiFJZLL22 (8.66)	NovasH14 (8.77)	MurinR19 (8.94)	Ham18a (9.11)
DannaP03	PerronSF04 (0.65)	Laborie09 (0.43)	CarchraeB09 (0.33)	SchausHMCMD11 (0.25)	GarganiR07 (0.25)
	PerronSF04 (5.00)	BeckR03 (6.86)	Puget95 (6.93)	KeriK07 (7.14)	Shaw98 (7.28)
DannaP04	BaptisteLPN06 (0.27)	SourdN00 (0.25)	AjiliW04 (0.24)	AronHY2004 (0.21)	PerronSF04 (0.19)
Darby-DowmanLMZ97	SmithBHW96 (0.63)	DarbyDowmanL98 (0.39)	RodosekWH99 (0.22)	NuijtenA96 (0.18)	LustigP01 (0.18)
	abs-1901-07914 (7.94)	LiuJ06 (8.00)	GarridoOS08 (8.12)	LipovetzkyBPS14 (8.12)	NishikawaSTT18 (8.19)
DarbyDowmanL98	Darby-DowmanLMZ97 (0.39)	SmithBHW96 (0.36)	RodosekWH99 (0.17)	RodosekW98 (0.17)	EdisO11 (0.15)
Davenport10	Limtanyakul07 (0.40)	Vilim09 (0.33)	Vilim09a (0.33)	KameugneF13 (0.33)	VilimBC05 (0.29)
	FrostD98 (6.16)	Hooker17 (6.56)	CarchraeBF05 (6.63)	AngelsmarkJ00 (6.63)	CestaOS98 (6.63)
DavenportKRSH07	SimoninAHL15 (0.29)	BeldiceanuP07 (0.22)	SimoninAHL12 (0.20)	SerraNM12 (0.20)	AntuoriHHEN20 (0.20)
	CauwelaertDMS16 (6.32)	LuoVLBM16 (6.32)	FocacciLM99 (6.56)	LauLN08 (6.63)	BartakCS10 (7.00)
Davis87	DechterMP91 (0.28)	DincbasSH90 (0.22)	BeckF00 (0.15)	Dorndorf2000 (0.12)	SadehF96 (0.11)
DechterMP91	SadehF96 (0.32)	Davis87 (0.28)	BeckF00 (0.22)	Dorndorf2000 (0.20)	NuijtenA96 (0.19)
	LiuJ06 (5.29)	SunLYL10 (5.57)	GomesHS06 (5.92)	Benders62 (5.92)	AngelsmarkJ00 (6.00)
Dejemeppe16					
	DejemeppeCS15 (15.56)	HartmannB10 (15.81)	Fahimi16 (15.84)	GrimesH15 (15.87)	FahimiOQ18 (15.94)
DejemeppeCS15	CauwelaertDMS16 (0.52)	CauwelaertDS20 (0.50)	GayHS15a (0.49)	GrimesH10 (0.46)	GaySS14 (0.42)
	CauwelaertDS20 (4.69)	CauwelaertDMS16 (4.90)	VilimBC05 (5.57)	VilimBC04 (5.92)	Vilim04 (6.48)
DejemeppeD14	DannaP03 (0.20)	SchausHMCMD11 (0.17)	GarganiR07 (0.17)	VerfaillieL01 (0.15)	PesantRR15 (0.14)
	BeckW05 (6.63)	Caseau97 (7.48)	Puget95 (7.55)	BonfiettiM12 (7.55)	HeckmanB11 (7.75)
Demasse03					
	BaptistePN99 (9.43)	Demasse03AM05 (9.64)	Kameugne14 (9.85)	KameugneFSN11 (10.15)	KameugneFSN14 (10.34)
Demasse03AM05	NeronABCDD06 (0.59)	BruckerK00 (0.54)	LiessM08 (0.46)	ArkhipovBL19 (0.41)	DorndorfHP99 (0.34)
	LiessM08 (5.39)	BaptisteP97 (6.08)	KolischS97 (6.16)	HeipckeCCS00 (6.86)	VilimBC04 (6.86)
DemirovicS18	KreterSS15 (0.13)	KreterSS17 (0.11)	MusliuSS18 (0.10)	FrimodigS19 (0.10)	FrohnerTR19 (0.09)
	LiuLH19 (6.71)	ShaikhK23 (6.93)	Bartak02 (7.21)	Puget95 (7.28)	ElkhyariGJ02a (7.28)
Derrien15					
	Vilim11 (8.37)	ClercQ12 (8.43)	Caseau97 (8.49)	DerrienP14 (8.54)	OuelletQ13 (8.54)
DerrienP14	SchuttW10 (0.44)	LetortBC12 (0.44)	Tesch18 (0.42)	GayHS15 (0.42)	KameugneFSN14 (0.40)
	HebrardALLCMR22 (6.56)	WolfS05 (6.63)	Tesch16 (6.71)	Vilim11 (6.71)	PoderB08 (6.71)
DerrienPZ14	FahimiOQ18 (0.53)	Mercier-AubinGQ20 (0.40)	GayHS15 (0.36)	KameugneFSN14 (0.22)	Madi-WambaLOBM17 (0.22)
	DerrienP14 (7.14)	BonfiettiZLM16 (7.21)	SchuttCSW12 (7.28)	LombardiM13 (7.42)	BofillCSV17 (7.48)
DilkinaDH05	ArtiguesR00 (0.20)	ElkhyariGJ02 (0.15)	ArtiguesBF04 (0.13)	GrimesHM09 (0.11)	TorresL00 (0.10)
	HebrardTW05 (5.48)	FoxAS82 (6.16)	WatsonB08 (6.24)	BillautHL12 (6.24)	Beck06 (6.24)
DincbasHSAGB88					
	BaptisteLV92 (0.00)	CarlierP94 (0.00)	ApplegateC91 (0.00)	KorbaaYG00 (0.00)	LopezAKYG00 (0.00)

Table 98: Most Similar Works

Work	1	2	3	4	5
DincbasS91					
DincbasSH90	CestaOS98 (4.36)	Caballero23 (4.69)	AngelsmarkJ00 (4.80)	KovacsEKV05 (4.80)	Simonis95 (5.00)
	Wallace96 (0.28)	NuijtenA96 (0.28)	Davis87 (0.22)	BeckF00 (0.21)	LustigP01 (0.21)
DomdorfPH03	LammaMM97 (5.83)	JaffarM94 (6.24)	Simonis95 (6.93)	BrusoniCLMMT96 (7.00)	Bartak02 (7.21)
	BlazewiczDP96 (0.39)	Dorndorf2000 (0.36)	JainM99 (0.27)	DorndorfHP99 (0.26)	SourdN00 (0.25)
DoomsH08					
Dorndorf2000	BonfiettiM12 (5.57)	Puget95 (5.92)	BeckW05 (6.00)	Caballero23 (6.08)	LombardiM13 (6.08)
	DorndorfHP99 (0.52)	DomdorfPH03 (0.36)	DorndorfPH99 (0.30)	SourdN00 (0.30)	BeckF00 (0.29)
DorndorfHP99	DorndorfPH99 (0.59)	Dorndorf2000 (0.52)	SourdN00 (0.47)	MonetteDD07 (0.38)	DemasseyAM05 (0.34)
DorndorfPH99	DorndorfHP99 (0.59)	SourdN00 (0.38)	Dorndorf2000 (0.30)	ArtiguesF07 (0.24)	JainM99 (0.24)
DoulabiRP14	DoulabiRP16 (0.53)	RoshanaeiLAU17a (0.31)	WangMD15 (0.28)	RiiseML16 (0.26)	RoshanaeiLAU17 (0.25)
	DoulabiRP16 (6.63)	ChapadosJR11 (6.93)	AngelsmarkJ00 (7.14)	CarchraeBF05 (7.28)	CestaOS98 (7.28)
DoulabiRP16	RoshanaeiLAU17 (0.60)	RoshanaeiLAU17a (0.59)	DoulabiRP14 (0.53)	WangMD15 (0.52)	RoshanaeiBAUB20 (0.45)
	GurEA19 (6.56)	DoulabiRP14 (6.63)	GurPAE23 (6.93)	TopalogluO11 (8.00)	RoshanaeiLAU17 (8.00)
Edis21	MengLZB21 (0.16)	Ham18a (0.12)	FarsiTM22 (0.11)	MokhtarzadehTNF20 (0.10)	QinDCS20 (0.10)
EdisO11	EdisO11a (0.43)	HamdiL13 (0.36)	ArbaouiY18 (0.35)	ZhangLS12 (0.33)	CireCH13 (0.30)
	Limtanyakul07 (7.07)	BenediktSMVH18 (7.14)	HookerY02 (7.21)	ChuX05 (7.28)	ArbaouiY18 (7.42)
EdisO11a	EdisO11 (0.43)	JainG01 (0.20)	GongLMW09 (0.20)	YunesAH10 (0.19)	BockmayrH05 (0.18)
EdwardsBSE19	CarlierSJP21 (0.42)	SchnellH15 (0.27)	HillTV21 (0.26)	KreterSSZ18 (0.25)	CarlierPSJ20 (0.22)
EfthymiouY23	WallaceY20 (0.20)	BaptisteLV92 (0.07)	AntuoriHHEN20 (0.06)	RodosekW98 (0.06)	BenediktSMVH18 (0.06)
	GalleguillosKSB19 (8.60)	DilkinaDH05 (8.72)	Beck06 (8.89)	CarchraeB09 (8.94)	AstrandJJZ18 (9.00)
ElciOH22	MartnezAJ22 (0.92)	NaderiR22 (0.67)	HechingHK19 (0.31)	ForbesHJST24 (0.30)	Hooker05 (0.27)
	CobanH11 (6.63)	CireCH13 (7.07)	ForbesHJST24 (7.14)	CireCH16 (7.21)	Beck10 (7.55)
Elkhyari03	MalapertCGJLR13 (9.06)	VilimLS15 (9.64)	HeipckeCCS00 (9.70)	BaptistePN99 (9.85)	LiessM08 (10.00)
ElkhyariGJ02	ElkhyariGJ02a (0.46)	Wolf05 (0.40)	BruckerK00 (0.29)	BertholdHLMS10 (0.25)	SchuttFSW11 (0.21)
	LombardiM13 (4.58)	BonfiettiM12 (5.00)	FortinZDF05 (5.39)	QuSN06 (5.48)	Bonfietti16 (5.48)
ElkhyariGJ02a	ElkhyariGJ02 (0.46)	BruckerK00 (0.31)	PoderBS04 (0.27)	DemasseyAM05 (0.26)	LiessM08 (0.24)
	LombardiM10 (6.24)	LombardiM13 (6.48)	ElkhyariGJ02 (6.56)	Bartak02 (6.86)	Bonfietti16 (7.00)
EmdeZD22	HechingHK19 (0.17)	TranAB16 (0.15)	ElciOH22 (0.14)	CobanH11 (0.13)	CireCH13 (0.13)
	Beck10 (8.72)	CireCH13 (9.22)	CobanH11 (9.33)	HookerO03 (9.49)	ElciOH22 (9.54)
EmeretlisTAV17	TanT18 (0.46)	CobanH11 (0.29)	CireCH16 (0.26)	BeniniLMR11 (0.16)	Beck10 (0.15)
EreminW01	Thorsteinsson01 (0.42)	BenoistGR02 (0.42)	Hooker04 (0.34)	ChuX05 (0.25)	CambazardHDJT04 (0.23)
	CireCH16 (7.28)	BourdaisGP03 (7.35)	BandaSC11 (7.42)	Wallace06 (7.42)	LozanoCDS12 (7.42)
ErtIK91	MalikMB08 (0.23)	Goltz95 (0.10)	AggounB93 (0.09)	RodosekW98 (0.08)	Simonis95a (0.08)
	MalikMB08 (4.58)	WolinskiKG04 (5.29)	LiuJ06 (5.39)	LozanoCDS12 (5.39)	BegB13 (5.57)
EscobetPQPRA19	KlankeBYE21 (0.23)	AwadMDMT22 (0.17)	NovaraNH16 (0.14)	Novas19 (0.13)	OujanaAYB22 (0.10)
	Colombani96 (7.81)	LouieVNB14 (8.06)	HarjunkoskiG02 (8.12)	JainG01 (8.19)	BridiLBBM16 (8.25)
EsquirolLH2008	BeckF00 (0.26)	BriandHHL08 (0.24)	LiuGT10 (0.23)	ArtiouchineB05 (0.21)	KeriK07 (0.20)
EtminaniesfahaniGNMS22	GuSSWC14 (0.13)	SchuttFSW11 (0.13)	AmadiniGM16 (0.11)	EdwardsBSE19 (0.10)	KolischH06 (0.10)
	VilimLS15 (8.83)	LahimerLH11 (8.89)	ZhangYW21 (9.06)	LiessM08 (9.11)	HillTV21 (9.17)
EvenSH15	ZhangLS12 (0.50)	QuirogaZH05 (0.40)	Geske05 (0.40)	KovacsV04 (0.33)	LimtanyakulS12 (0.29)
	EvenSH15a (2.24)	WolfS05 (6.86)	BeldiceanuP07 (7.28)	PoderB08 (7.62)	MurphyMB15 (7.68)
EvenSH15a					
	EvenSH15 (2.24)	WolfS05 (7.21)	BeldiceanuP07 (7.62)	MurphyMB15 (7.87)	PoderB08 (7.94)
FachiniA20	MartnezAJ22 (0.32)	ElciOH22 (0.23)	ZarandiB12 (0.20)	HechingHK19 (0.16)	NaderiR22 (0.14)

Table 98: Most Similar Works

Work	1	2	3	4	5
Fahimi16					
FahimiOQ18	FahimiOQ18 (9.75)	GokgurHO18 (12.08)	BeckF00 (12.17)	Wolf03 (12.41)	MonetteDD07 (12.41)
FahimiQ23	KameugneFSN14 (0.70)	Tesch16 (0.57)	DerrienPZ14 (0.53)	OuelletQ18 (0.53)	OuelletQ13 (0.47)
	Wolf03 (9.00)	MonetteDD07 (9.00)	VilimBC05 (9.11)	OuelletQ13 (9.11)	VilimBC04 (9.75)
	KameugneFGOQ18 (0.29)	Tesch16 (0.27)	Tesch18 (0.22)	GayHS15a (0.21)	OuelletQ13 (0.20)
FalaschiGMP97	BaptisteLV92 (0.13)	Goltz95 (0.13)	BrusoniCLMMT96 (0.11)	Simonis95a (0.10)	BeniniLMMR08 (0.09)
FallahiAC20	Touraivane95 (3.00)	JelinekB16 (3.87)	ZhangLS12 (4.00)	CarchraeBF05 (4.12)	FrostD98 (4.12)
FanXG21	BarzegaranZP20 (6.56)	LiuJ06 (7.21)	AngelsmarkJ00 (7.35)	CestaOS98 (7.35)	GelainPRVW17 (7.35)
FarsiTM22	QinWSLS21 (0.14)	ColT2019a (0.07)	MenciaSV12 (0.06)	ColT22 (0.05)	DomdorffPH03 (0.05)
Fatemi-AnarakiTFV23	LiFJZLL22 (8.77)	BillautHL12 (8.89)	ZhangW18 (8.89)	BeckPS03 (9.06)	Beck06 (9.11)
	YounespourAKE19 (0.26)	MengLZB21 (0.20)	GurPAE23 (0.16)	GhasemiMH23 (0.15)	Edis21 (0.11)
	GurPAE23 (9.33)	GurEA19 (9.80)	WangMD15 (10.05)	DoulabiRP16 (10.25)	abs-1902-01193 (10.44)
	NouriMHD23 (0.34)	LaborieRSV18 (0.11)	LiFJZLL22 (0.11)	NaderiRR23 (0.11)	MengLZB21 (0.10)
	Ham18a (9.06)	MokhtarzadehTNF20 (9.49)	Ham18 (9.64)	Mehdizadeh-Somarin23 (9.90)	WikarekS19 (10.10)
FetgoD22	KameugneFGOQ18 (0.56)	Tesch16 (0.47)	GayHS15a (0.44)	YangSS19 (0.41)	Tesch18 (0.39)
FeydyS09	KameugneFND23 (4.24)	OuelletQ13 (5.83)	KameugneFGOQ18 (5.92)	GingrasQ16 (6.71)	KameugneFSN11 (7.81)
	OhrimenkoSC09 (0.62)	SchuttCSW12 (0.42)	SchuttFSW11 (0.34)	SchuttFSW09 (0.32)	SchuttFS13a (0.19)
	AngelsmarkJ00 (6.00)	ChapadosJR11 (6.24)	HebrardTW05 (6.24)	CarchraeBF05 (6.32)	Vilim03 (6.40)
FocacciLM99	Refalo00 (0.36)	HoundjiSWD14 (0.28)	Thorsteinsson01 (0.18)	HookerY02 (0.18)	RodosekWH99 (0.17)
	Puget95 (6.16)	Bartak02 (6.24)	BeckW05 (6.48)	ZibranR11a (6.48)	DavenportKRSH07 (6.56)
FocacciLN00					
FontaineMH16	CauwelaertDMS16 (7.07)	ArtiguesBF04 (7.07)	ArtiguesF07 (7.48)	Vilim05 (7.62)	HeckmanB11 (7.62)
	YounespourAKE19 (0.20)	HermenierDL11 (0.13)	RoshanaeiN21 (0.11)	Laborie18a (0.10)	NaderiRBAU21 (0.08)
	Goltz95 (6.24)	Shaw98 (6.32)	CarchraeB09 (6.40)	SialaAH15 (6.48)	Puget95 (6.56)
ForbesHJST24	ElciOH22 (0.30)	CambazardJ05 (0.18)	Hooker04 (0.17)	BeniniBGM06 (0.17)	Hooker05a (0.17)
	HookerY02 (7.07)	ElciOH22 (7.14)	HookerO03 (7.21)	CireCH13 (7.28)	HeinzKB13 (7.42)
FortinZDF05	LombardiBM15 (0.21)	LombardiM13 (0.17)	LombardiM12a (0.17)	LiuGT10 (0.15)	Muscettola02 (0.13)
	LombardiM13 (4.69)	GarridoOS08 (5.20)	CarchraeBF05 (5.20)	ElkhyariGJ02 (5.39)	AngelsmarkJ00 (5.39)
FoxAS82					
	Colombani96 (5.10)	Limtanyakul07 (5.10)	LauLN08 (5.20)	HebrardTW05 (5.29)	AngelsmarkJ00 (5.57)
FoxS90					
FrankDT16	BeckPS03 (6.08)	FoxAS82 (6.86)	Colombani96 (7.28)	BeckR03 (7.35)	HentenryckM04 (7.35)
	CappartS17 (0.33)	GilesH16 (0.33)	GayHS15 (0.14)	LaborieR14 (0.10)	QinDS16 (0.10)
	AngelsmarkJ00 (5.00)	CarchraeBF05 (5.39)	Baptiste09 (5.66)	CestaOS98 (5.74)	KovacsEKV05 (5.74)
FrankK03					
	FrankK05 (4.58)	ZhangLS12 (5.48)	CarchraeBF05 (5.57)	FrostD98 (5.57)	HebrardALLCMR22 (5.57)
FrankK05	BenoistGR02 (0.12)	LiW08 (0.11)	EreminW01 (0.06)	BruckerK00 (0.03)	BockmayrK98 (0.02)
	FrankK03 (4.58)	TranDRFWOVb16 (6.48)	AngelsmarkJ00 (6.78)	LiuJ06 (7.07)	CarchraeBF05 (7.21)
FriedrichFMRST14	DannaP03 (0.17)	ColT2019a (0.15)	ColT19 (0.14)	BartakSR10 (0.13)	Balduccini11 (0.09)
FrimodigS19					
	GeibingerMM19 (0.44)	LetortBC12 (0.16)	SchausHMCMD11 (0.13)	GarganiR07 (0.13)	SchuttCSW12 (0.13)
	HoYCLLC18 (7.81)	BourdaisGP03 (7.81)	LauLN08 (8.00)	ShinBBHO18 (8.00)	Shaw98 (8.12)
Froger16					
	LuZZYW24 (14.14)	ForbesHJST24 (15.30)	Hooker19 (15.56)	Wallace06 (15.65)	RahmanianiCGR17 (15.81)
FrohnertR19	MusliuSS18 (0.21)	HoYCLLC18 (0.20)	BofillEGPSV14 (0.13)	ColT19 (0.11)	ThiruvadyBME09 (0.11)
	ZibranR11 (7.42)	ZhangLS12 (7.48)	CarchraeBF05 (7.55)	Baptiste09 (7.62)	AbrilSB05 (7.68)
FrostD98	KhemmoudjPB06 (0.11)	Benders62 (0.00)			
	Baptiste09 (3.00)	AbrilSB05 (3.16)	CarchraeBF05 (3.16)	HebrardALLCMR22 (3.46)	Vilim03 (3.61)
GalleguillosKSB19	BorghesiBLMB18 (0.12)	HurleyOS16 (0.09)	MurinR19 (0.08)	BridiBLMB16 (0.08)	ParkUJR19 (0.07)
	BartoliniBBLM14 (6.00)	Limtanyakul07 (6.63)	HookerY02 (6.78)	BridiLBBM16 (7.00)	LauLN08 (7.14)
GareyJS76	Taillard93 (0.21)	JainM99 (0.09)	GrahamLLK79 (0.08)	BlazewiczDP96 (0.05)	Carlier82 (0.03)
GarganiR07					
	HentenryckM08 (0.97)	HeinzSSW12 (0.80)	SchausHMCMD11 (0.66)	DannaP03 (0.25)	LetortBC12 (0.24)
	HeinzSSW12 (4.24)	HentenryckM08 (5.00)	Benders62 (6.78)	AbrilSB05 (6.86)	KorbaaYG00 (6.93)

Table 98: Most Similar Works

Work	1	2	3	4	5
GarridoAO09	GarridoOS08 (0.53)	ZhangLS12 (0.33)	QuirogaZH05 (0.29)	Geske05 (0.29)	BaptisteLPN06 (0.26)
	GarridoOS08 (4.58)	FortinZDF05 (5.83)	KovacsV04 (6.16)	LombardiM13 (6.16)	NishikawaSTT18 (6.32)
GarridoOS08	GarridoAO09 (0.53)	ZhangLS12 (0.09)	QuirogaZH05 (0.08)	Geske05 (0.08)	EvenSH15 (0.08)
	GarridoAO09 (4.58)	FortinZDF05 (5.20)	Bartak02 (6.16)	AngelsmarkJ00 (6.16)	LiuJ06 (6.16)
GayHLS15	VilimLS15 (0.45)	GayHS15 (0.43)	CauwelaertLS15 (0.38)	DejemeppeCS15 (0.32)	HoundjiSWD14 (0.32)
	LombardiM13 (5.66)	FortinZDF05 (5.66)	LombardiM10 (6.24)	LiuJ06 (6.24)	CarchraeBF05 (6.24)
GayHS15	GayHS15a (0.88)	OuelletQ13 (0.80)	LetortBC12 (0.79)	OuelletQ18 (0.57)	Tesch16 (0.55)
	BeldiceanuP07 (5.83)	WolfS05 (6.63)	PoderB08 (6.71)	SimoninAHL15 (7.21)	SimonisH11 (7.21)
GayHS15a	GayHS15 (0.88)	OuelletQ13 (0.77)	KameugneFGOQ18 (0.67)	Tesch16 (0.54)	LetortBC12 (0.51)
	OuelletQ18 (5.74)	Vilim11 (6.48)	Kameugne15 (7.55)	TardivoDFMP23 (7.62)	OuelletQ13 (7.81)
GaySS14	DejemeppeCS15 (0.42)	SchausHMCMD11 (0.35)	Vilim09a (0.33)	HoundjiSWD14 (0.33)	CauwelaertLS15 (0.32)
	CauwelaertDMS16 (7.07)	VilimBC04 (7.68)	DavenportKRSH07 (7.75)	HentenryckM04 (7.87)	PerezGSL23 (7.94)
GedikKBR17	GedikKEK18 (0.29)	CappartS17 (0.18)	MengLZB21 (0.14)	GongLMW09 (0.13)	CastroGR10 (0.12)
GedikKEK18	GedikKBR17 (0.29)	MengZRZL20 (0.26)	GomesM17 (0.18)	KelbelH11 (0.18)	QinDCS20 (0.17)
	TranAB16 (7.94)	TranB12 (8.00)	ArbaouiY18 (8.12)	abs-2305-19888 (8.72)	NattafDYW19 (8.89)
GeibingerKKMMW21	Simonis07 (0.17)	NishikawaSTT18a (0.13)	Wolf11 (0.08)	NovasH14 (0.06)	Hooker10 (0.04)
	Baptiste09 (7.35)	CarchraeBF05 (7.55)	BofillGSV15 (7.62)	Tsang03 (7.68)	AbrilSB05 (7.68)
GeibingerMM19	YoungFS17 (0.50)	FrimodigS19 (0.44)	SzerediS16 (0.40)	BofillCSV17 (0.22)	MusliuSS18 (0.21)
	abs-1911-04766 (6.08)	CampeauG22 (8.37)	LombardiM10 (8.66)	GeibingerMM21 (8.83)	HeipckeCCS00 (9.06)
GeibingerMM21					
	HeipckeCCS00 (7.75)	abs-1911-04766 (8.19)	Laborie18a (8.43)	BartakCS10 (8.49)	LombardiM10 (8.77)
GeitzGSSW22	FahimiOQ18 (0.27)	WolfS05 (0.27)	DejemeppeCS15 (0.23)	Wolf09 (0.22)	WolfS05a (0.20)
	NuijtenP98 (8.00)	KovacsV06 (8.06)	TorresL00 (8.06)	SialaAH15 (8.12)	CauwelaertDMS16 (8.25)
GelainPRVW17	LimBTBB15 (0.40)	BartakSR10 (0.04)			
	ZhuS02 (3.61)	Tsang03 (4.24)	CarchraeBF05 (4.47)	AngelsmarkJ00 (4.47)	CestaOS98 (4.47)
Geoffrion72	Benders62 (0.28)	EreminW01 (0.15)	CambazardJ05 (0.14)	Hooker04 (0.13)	Thorsteinsson01 (0.12)
German18					
	LauLN08 (8.83)	SialaAH15 (9.06)	Puget95 (9.11)	Shaw98 (9.17)	LiuLH19 (9.22)
Geske05	ZhangLS12 (0.67)	AggounV04 (0.51)	QuirogaZH05 (0.50)	SimonisCK00 (0.50)	EvenSH15 (0.40)
	BridiLBBM16 (7.42)	LammaMM97 (7.81)	Goltz95 (7.87)	BrusoniCLMMT96 (8.00)	CappartS17 (8.06)
GhasemiMH23	GurPAE23 (0.15)	RoshanaeiBAUB20 (0.15)	FarsiTM22 (0.15)	NaderiRBAU21 (0.15)	WangMD15 (0.13)
GilesH16	CappartS17 (0.56)	BartoliniBBLM14 (0.44)	FrankDT16 (0.33)	Davenport10 (0.25)	Limtanyakul07 (0.22)
	PoderB08 (5.83)	ElkhyariGJ02 (5.83)	TranVNB17a (5.92)	AngelsmarkJ00 (6.00)	Puget95 (6.08)
GingrasQ16					
	OuelletQ13 (5.39)	KameugneFSN11 (6.48)	FetgoD22 (6.71)	KameugneFND23 (6.71)	KameugneFSN14 (6.78)
GodardLN05					
	HentenryckM04 (5.92)	VilimBC04 (6.93)	CarchraeB09 (6.93)	HeckmanB11 (7.00)	KovacsV04 (7.07)
Godet21a					
	GodetLHS20 (12.33)	BoudreaultSLQ22 (13.71)	ArkhipovBL19 (13.82)	YoungFS17 (14.00)	BaptisteP97 (14.04)
GodetLHS20	HookerH17 (0.15)				
	HebrardHJMPV16 (8.89)	SialaAH15 (9.38)	HeipckeCCS00 (9.95)	LahimerLH11 (9.95)	KovacsV04 (10.15)
GoelSHFS15	GilesH16 (0.20)	BoothNB16 (0.09)	UnsalO13 (0.09)	KreterSSZ18 (0.08)	OzturkTHO12 (0.08)
	GilesH16 (6.78)	BoothNB16 (7.94)	SimoninAHL15 (8.19)	PoderB08 (8.25)	CappartTSR18 (8.31)
GokGSTO20	MusliuSS18 (0.28)	AmadiniGM16 (0.13)	ElkhyariGJ02 (0.10)	FrohnerTR19 (0.10)	BurtLPS15 (0.09)
	TranDRFWOVB16 (8.89)	LombardiM13 (8.94)	LombardiM10 (9.00)	ElkhyariGJ02 (9.22)	AmadiniGM16 (9.27)
GokPTGO23					
	BeckPS03 (8.94)	LombardiM10 (9.00)	LombardiM09 (9.22)	GokGSTO20 (9.49)	LombardiBM15 (9.59)
GokgurHO18	MercierH07 (0.27)	DorndorfHFP99 (0.16)	Vilim05 (0.16)	YunusogluY22 (0.14)	ArbaouiY18 (0.13)
	BeckF00 (8.25)	ArtiouchineB05 (8.49)	OrnekO16 (8.49)	VilimBC04 (8.72)	CauwelaertDMS16 (8.77)
GoldwaserS17	KletzanderM17 (0.53)	SchnellH17 (0.13)	CambazardJ05 (0.11)	Hooker04 (0.11)	LamGSHD20 (0.11)
	GoldwaserS18 (5.74)	KletzanderM17 (6.32)	FoxAS82 (6.93)	HookerO03 (7.07)	HookerY02 (7.21)
GoldwaserS18	HamdiL13 (0.20)	CireCH13 (0.18)	TerekhovDOB12 (0.13)	CobanH10 (0.12)	Sadykov04 (0.11)
	GoldwaserS17 (5.74)	BeldiceanuP07 (8.66)	ForbesHJST24 (8.66)	PoderB08 (8.72)	LozanoCDS12 (8.72)

Table 98: Most Similar Works

Work	1	2	3	4	5
Goltz95	Colombani96 (0.50)	Simonis95a (0.42)	Wolf03 (0.40)	Simonis99 (0.32)	Taillard93 (0.31)
	Caseau97 (5.92)	Colombani96 (6.16)	FontaineMH16 (6.24)	KovacsV04 (6.32)	ChuGNSW13 (6.32)
GombolayWS18	HamP21 (0.13)	Hooker07 (0.11)	LiW08 (0.11)	CireCH16 (0.10)	Hooker04 (0.10)
	BeckF98 (10.10)	NaderiBZ22a (10.10)	ZhangYW21 (10.15)	HeinzNVH22 (10.82)	WikarekS19 (10.82)
GomesHS06					
	AbrilSB05 (4.12)	AngelsmarkJ00 (4.12)	CarchraeBF05 (4.36)	Baptiste09 (4.69)	SunLYL10 (4.69)
GomesM17	RahmanianiCGR17 (0.23)	CireCH16 (0.22)	CobanH10 (0.19)	GedikKEK18 (0.18)	CireCH13 (0.18)
	TranAB16 (7.42)	TranB12 (7.48)	BogaerdtW19 (8.49)	ParkUJR19 (8.89)	EdisO11 (9.11)
GongLMW09	CobanH10 (0.55)	HamdiL13 (0.46)	CireCH13 (0.40)	CobanH11 (0.31)	Beck10 (0.31)
GrahamLLK79	BlazewiczDP96 (0.17)	JainM99 (0.13)	BlazewiczLK83 (0.10)	Taillard93 (0.08)	GareyJS76 (0.08)
GrimesH10	GrimesH11 (0.70)	GrimesHM09 (0.61)	GrimesH15 (0.55)	ArtiguesBF04 (0.48)	DejemeppeCS15 (0.46)
	SialaAH15 (7.14)	ArtiguesBF04 (7.42)	MalapertCGJLR13 (7.62)	MenciaSV13 (7.81)	FocacciLN00 (7.81)
GrimesH11	GrimesH10 (0.70)	GrimesH15 (0.46)	GrimesHM09 (0.33)	DannaP03 (0.25)	Laborie09 (0.23)
	GrimesH10 (8.60)	SialaAH15 (8.77)	MonetteDH09 (8.77)	BeckR03 (8.77)	CarchraeB09 (9.06)
GrimesH15	GrimesHM09 (0.60)	GrimesH10 (0.55)	GrimesH11 (0.46)	CarchraeB09 (0.38)	BaptisteLPN06 (0.34)
	GrimesH11 (9.22)	GrimesH10 (9.33)	MalapertCGJLR12 (10.39)	GrimesHM09 (10.68)	FocacciLN00 (10.95)
GrimesHM09	WatsonB08 (0.76)	GrimesH10 (0.61)	GrimesH15 (0.60)	BeckFW11 (0.53)	MalapertCGJLR12 (0.44)
	MalapertCGJLR13 (7.14)	SialaAH15 (7.21)	Bit-Monnot23 (7.21)	Vilim05 (8.00)	KovacsV04 (8.06)
GrimesIOS14	IfrimOS12 (0.37)				
	IfrimOS12 (6.32)	HurleyOS16 (7.55)	ElkhyariGJ02 (8.19)	MurphyMB15 (8.37)	HoYCLLC18 (8.37)
Groleaz21					
	NaderiRR23 (15.39)	GrimesH15 (15.59)	PrataAN23 (15.81)	Lunardi20 (16.00)	JainM99 (16.03)
GroleazNS20	GroleazNS20a (0.42)	PetgoD22 (0.18)	GayHS15 (0.18)	LetortBC12 (0.16)	GayHS15a (0.16)
	GroleazNS20a (6.40)	Balduccini11 (8.66)	HeipckeCCS00 (8.83)	Limtanyakul07 (8.94)	HentenryckM04 (9.00)
GroleazNS20a	GroleazNS20 (0.42)	BaptisteB18 (0.38)	ColT19 (0.19)	OuelletQ13 (0.18)	PoderBS04 (0.11)
	GroleazNS20 (6.40)	Balduccini11 (9.27)	HeipckeCCS00 (9.43)	Limtanyakul07 (9.54)	FoxAS82 (9.75)
Gronkvist06	MilanoW06 (0.20)	AronHY2004 (0.15)	BosiM2001 (0.15)	Milano11 (0.14)	Hooker06a (0.12)
GruianK98	KuchcinskiW03 (0.07)	LombardiMRB10 (0.04)	MarriottS98 (0.00)	JaffarM94 (0.00)	
	KuchcinskiW03 (6.00)	LozanoCDS12 (6.56)	Simonis95 (6.71)	MalikMB08 (6.71)	ZibranR11a (6.78)
GuSS13	GuSSWC14 (0.98)	GuSW12 (0.81)	SchuttCSW12 (0.69)	ThiruvadyWGS14 (0.51)	SchuttFSW15 (0.35)
	GuSW12 (5.57)	SchuttCSW12 (6.24)	LombardiM13 (7.55)	ThiruvadyWGS14 (7.55)	ElkhyariGJ02 (7.62)
GuSSWC14	GuSS13 (0.98)	GuSW12 (0.82)	SchuttCSW12 (0.55)	SchuttFSW15 (0.41)	ThiruvadyWGS14 (0.31)
GuSW12	SchuttCSW12 (0.83)	GuSSWC14 (0.82)	GuSS13 (0.81)	NeronABCDD06 (0.32)	ThiruvadyWGS14 (0.24)
	SchuttCSW12 (4.69)	GuSS13 (5.57)	BofillCSV17 (6.24)	LombardiM13 (6.32)	FortinZDF05 (6.93)
GuoHLW20	MartnezAJ22 (0.23)	CireCH16 (0.20)	SunTB19 (0.18)	UnsalO19 (0.18)	QinDCS20 (0.16)
GuoZ23	MartnezAJ22 (0.17)	ElciOH22 (0.15)	NaderiRBAU21 (0.15)	RoshanaeiBAUB20 (0.13)	NaderiBZR23 (0.13)
	ForbesHJST24 (10.44)	RoshanaeiLAU17 (10.72)	ElciOH22 (10.86)	CireCH13 (10.95)	DoulabiRP16 (11.36)
GurEA19	GurPAE23 (0.30)	WangMD15 (0.24)	RoshanaeiBAUB20 (0.18)	DoulabiRP16 (0.18)	RoshanaeiLAU17 (0.18)
	GurPAE23 (6.24)	DoulabiRP16 (6.56)	WangMD15 (7.55)	DoulabiRP14 (8.19)	KovacsEKV05 (8.25)
GurPAE23	GurEA19 (0.30)	FarsiTM22 (0.16)	GhasemiMH23 (0.15)	NaderiRBAU21 (0.09)	RiiseML16 (0.09)
	GurEA19 (6.24)	DoulabiRP16 (6.93)	WangMD15 (7.48)	HoYCLLC18 (8.37)	BourdaisGP03 (8.37)
GuyonLPR12	MilanoW09 (0.33)	BajestaniB15 (0.23)	CobanH10 (0.23)	CireCH13 (0.22)	CireCH16 (0.22)
	KhayatLR06 (7.94)	Vilim05 (8.06)	WikarekS19 (8.06)	BillautHL12 (8.31)	HeckmanB11 (8.31)
HachemiGR11	Limtanyakul07 (0.18)	EdisO11a (0.13)	Beck10 (0.13)	ChuX05 (0.13)	Wallace06 (0.11)
	Puget95 (7.75)	BeniniLMMR08 (7.94)	FortinZDF05 (8.00)	ZibranR11a (8.00)	LouieVNB14 (8.00)
Ham18	Ham18a (0.25)	Ham20 (0.13)	Ham20a (0.13)	OujanaAYB22 (0.11)	SadykovW06 (0.11)
	Ham18a (7.28)	TranDRFWOVB16 (7.81)	MakMS10 (7.87)	BocewiczBB09 (8.00)	LahimerLH11 (8.00)
Ham18a	NattafDYW19 (0.32)	Ham18 (0.25)	HamFC17 (0.22)	LaborieRSV18 (0.21)	Ham20 (0.18)
	Ham18 (7.28)	NattafDYW19 (7.28)	ArbaouiY18 (7.62)	HebrardHJMPV16 (7.81)	JuvinHL23 (7.81)
Ham20	Ham20a (2.00)	HamP21 (0.19)	Ham18a (0.18)	Laborie18a (0.17)	LaborieRSV18 (0.14)

Table 98: Most Similar Works

Work	1	2	3	4	5
Ham20a	Ham20 (2.00)	HamP21 (0.19)	Ham18a (0.18)	Laborie18a (0.17)	LaborieRSV18 (0.14)
HamC16	LunardiBLRV20 (0.24)	HamFC17 (0.19)	ZhangW18 (0.15)	LaborieRSV18 (0.15)	MengZRZL20 (0.15)
HamFC17	ArtiguesF07 (7.81)	ArtiguesBF04 (7.94)	QinWSLS21 (8.00)	BillautHL12 (8.06)	Ham18a (8.06)
	TangB20 (0.25)	Ham18a (0.22)	HamC16 (0.19)	LacknerMMWW23 (0.17)	NovaraNH16 (0.12)
HamP21	LaborieRSV18 (0.30)	HeinzNVH22 (0.26)	LunardiBLRV20 (0.23)	ColT2019a (0.22)	MurinR19 (0.22)
HamPK21	MengLZB21 (0.30)	HoYCLLC18 (0.25)	MengZRZL20 (0.22)	ZhangYW21 (0.19)	BenediktMH20 (0.16)
	ZhangYW21 (8.19)	HamC16 (8.83)	BillautHL12 (9.11)	QinWSLS21 (9.59)	NaderiBZ22a (9.59)
HamdiL13	CireCH13 (1.15)	CobanH10 (0.58)	BeniniLMMR08 (0.54)	ChuX05 (0.52)	CobanH11 (0.50)
HanenKP21	Tesch18 (0.42)	CarlierPSJ20 (0.34)	OuelletQ18 (0.34)	CarlierSJP21 (0.20)	FetgoD22 (0.18)
	HeipckeCCS00 (7.28)	BlazewiczLK83 (7.48)	Limtanyakul07 (7.81)	Tesch18 (7.87)	PoderBS04 (8.00)
HarjunkoskiG02	JainG01 (0.53)	RoePS05 (0.50)	MaraveliasCG04 (0.47)	HarjunkoskiJG00 (0.39)	Thorsteinsson01 (0.26)
	JainG01 (5.74)	Colombani96 (6.56)	FoxAS82 (6.86)	Limtanyakul07 (7.00)	KrogtLPHJ07 (7.21)
HarjunkoskiJG00	HarjunkoskiG02 (0.39)	JainG01 (0.25)	BockmayrK98 (0.21)	RoePS05 (0.15)	MaraveliasCG04 (0.15)
HarjunkoskiMBC14	NovaraNH16 (0.19)	ZeballosNH11 (0.19)	MaraveliasCG04 (0.16)	NovasH10 (0.15)	ZeballosCM10 (0.14)
	NovasH10 (12.21)	BidotVLB09 (12.57)	FoxS90 (12.57)	BeckPS03 (12.61)	EscobetPQPRA19 (12.73)
HartmannB10	BruckerDMNP99 (0.35)	KolischH06 (0.33)	HerroelenRD98 (0.28)	KolischS97 (0.23)	BlazewiczLK83 (0.22)
	HartmannB22 (9.80)	BruckerDMNP99 (11.66)	OrnekO16 (11.87)	abs-1902-09244 (12.00)	Polo-MejiaALB20 (12.17)
HartmannB22	HauderBRPA20 (0.26)	KreterSSZ18 (0.16)	SchnellH17 (0.15)	HartmannB10 (0.12)	NattafHKAL19 (0.11)
	HartmannB10 (9.80)	GokPTGO23 (11.09)	LombardiM12 (11.53)	abs-1902-09244 (11.92)	Polo-MejiaALB20 (12.08)
HauderBRPA20	HartmannB22 (0.26)	SchnellH17 (0.21)	SubulanC22 (0.17)	EdwardsBSE19 (0.16)	KreterSSZ18 (0.16)
	abs-1902-09244 (3.00)	BeckPS03 (8.83)	BeckR03 (9.75)	KeriK07 (9.85)	LaborieR14 (9.90)
He0GLW18	MurphyMB15 (0.04)				
	AbrilSB05 (5.57)	GomesHS06 (5.83)	Baptiste09 (6.16)	CarchraeBF05 (6.24)	HebrardTW05 (6.48)
HebrardALLCMR22					
	FrostD98 (3.46)	ZhangLS12 (3.61)	AbrilSB05 (3.74)	CarchraeBF05 (3.74)	ZibranR11 (3.74)
HebrardHJMPV16	ElkhyariGJ02 (0.14)	BarlattCG08 (0.12)	BertholdHMLS10 (0.11)	WikarekS19 (0.11)	ArbaouiY18 (0.09)
	LahimerLH11 (7.48)	ArbaouiY18 (7.68)	JuvinHL23 (7.75)	Ham18a (7.81)	EdisO11 (8.00)
HebrardTW05	Puget95 (0.40)	BeckF00a (0.31)	VilimBC04 (0.29)	VilimBC05 (0.25)	Vilim04 (0.25)
	Vilim03 (2.83)	AngelsmarkJ00 (3.00)	Baptiste09 (3.16)	AbrilSB05 (3.61)	CarchraeBF05 (3.61)
HechingH16	HamdiL13 (0.33)	CireCH13 (0.31)	Beck10 (0.21)	Sadykov04 (0.19)	BeniniLMMR08 (0.18)
	CireCH13 (6.16)	CambazardJ05 (6.32)	CireCH16 (6.63)	HookerO03 (6.86)	AngelsmarkJ00 (6.93)
HechingHK19	CireCH16 (0.52)	ZarandiB12 (0.52)	TranAB16 (0.51)	Beck10 (0.37)	Hooker07 (0.35)
HeckmanB11	BeckFW11 (0.40)	WatsonB08 (0.36)	GrimesHM09 (0.24)	ChenGPSH10 (0.22)	MenciaSV12 (0.16)
	Beck07 (5.39)	BeckW05 (5.48)	Beck06 (5.66)	WatsonB08 (5.83)	BeckPS03 (5.92)
HeinzB12	HeinzKB13 (0.85)	HeinzS11 (0.61)	CobanH10 (0.37)	CireCH16 (0.33)	YunesAH10 (0.28)
	HeinzKB13 (4.58)	CireCH13 (6.08)	HookerY02 (6.63)	Beck10 (6.78)	ChuX05 (6.86)
HeinzKB13	HeinzB12 (0.85)	CireCH16 (0.42)	CireCH13 (0.32)	HeinzSB13 (0.30)	LamGSHD20 (0.28)
	CireCH13 (4.47)	HookerY02 (4.58)	HeinzB12 (4.58)	Beck10 (5.39)	HookerO03 (5.74)
HeinzNVH22	BenediktMH20 (0.38)	MurinR19 (0.37)	AbreuNP23 (0.33)	AwadMDMT22 (0.28)	HamP21 (0.26)
	abs-2305-19888 (3.46)	ArbaouiY18 (8.12)	BenderWS21 (8.43)	EdisO11 (8.54)	JuvinHL23 (8.77)
HeinzS11	BertholdHMLS10 (0.70)	HeinzB12 (0.61)	HeinzSB13 (0.54)	SchuttFS13a (0.34)	SchuttW10 (0.30)
	BertholdHMLS10 (5.48)	Tesch16 (6.24)	CauwelaertLS15 (6.40)	HookerY02 (6.63)	Balduccini11 (7.00)
HeinzSB13	HeinzS11 (0.54)	SchuttFS13a (0.32)	BertholdHMLS10 (0.30)	HeinzKB13 (0.30)	HeinzB12 (0.23)
	BertholdHMLS10 (7.28)	HeinzS11 (7.55)	HeipckeCCS00 (8.06)	DemasseyAM05 (8.60)	BofilCSV17 (8.72)
HeinzSSW12	GarganiR07 (0.80)	SchausHMCMD11 (0.62)	HentenryckM08 (0.59)	GaySS14 (0.20)	LetortCB13 (0.15)
	GarganiR07 (4.24)	HentenryckM08 (4.36)	Benders62 (6.32)	AbrilSB05 (6.40)	KorbaaYG00 (6.48)
HeipckeCCS00	SimonisC95 (0.09)	BruckerK00 (0.03)	Lauriere78 (0.01)	AggounB93 (0.01)	KolischS97 (0.00)
	KovacsV04 (5.10)	KovacsV06 (5.48)	Bartak02a (5.83)	LiessM08 (6.00)	Vilim05 (6.24)
Hentenryck02	MilanoORT02 (0.36)	BockmayrK98 (0.20)	LustigP01 (0.19)	Simonis99 (0.18)	YunesAH10 (0.16)

Table 98: Most Similar Works

Work	1	2	3	4	5
HentenryckM04	KhemmoudjPB06 (0.18)	TanSD10 (0.16)	ArtiguesBF04 (0.16)	WatsonB08 (0.13)	CestaOPS14 (0.13)
	GodardLN05 (5.92)	Beck07 (6.08)	Vilim05 (6.16)	HeckmanB11 (6.32)	BeckPS03 (6.40)
HentenryckM08	GarganiR07 (0.97)	SchausHMCMD11 (0.72)	HeinzSSW12 (0.59)	GaySS14 (0.14)	Beck10 (0.14)
	HeinzSSW12 (4.36)	GarganiR07 (5.00)	Benders62 (5.20)	AbrilSB05 (5.29)	KorbaaYG00 (5.39)
HermenierDL11	Simonis95 (0.25)	PoderBS04 (0.15)	SimonisH11 (0.14)	FontaineMH16 (0.13)	Simonis95a (0.12)
	WolfS05 (6.63)	ChuGNSW13 (6.78)	BartakS11 (6.86)	QuSN06 (6.86)	LiuJ06 (6.86)
HerroelenRD98	BruckerDMNP99 (0.61)	KolischS97 (0.44)	KolischH06 (0.36)	HartmannB10 (0.28)	DemasseyAM05 (0.23)
HillBCGN22	GuSS13 (0.21)	EdwardsBSE19 (0.19)	GuSSWC14 (0.18)	ThiruvadyWGS14 (0.14)	HerroelenRD98 (0.14)
HillTV21	EdwardsBSE19 (0.26)	SchnellH15 (0.24)	SzerediS16 (0.15)	HauderBRPA20 (0.14)	SchuttFS13 (0.14)
	HeipckeCCS00 (7.14)	KovacsV06 (7.28)	LiessM08 (7.28)	DemasseyAM05 (7.35)	KovacsV04 (7.42)
HladikCDJ08	CambazardHJDJT04 (0.59)	CambazardJ05 (0.34)	CireCH13 (0.30)	Hooker05 (0.30)	Hooker05a (0.30)
HoYCLLC18	HamPK21 (0.25)	FrohnerTR19 (0.20)	WatsonB08 (0.13)	MusliuSS18 (0.11)	RendIPHPR12 (0.07)
	BourdaisGP03 (5.29)	AngelsmarkJ00 (5.57)	MurphyMB15 (6.00)	BarzegaranZP20 (6.16)	abs-1902-01193 (6.16)
HoeveGSL07					
	GomesHS06 (6.16)	ChuGNSW13 (6.16)	QuSN06 (6.24)	KovacsV04 (6.32)	NishikawaSTT18 (6.32)
Hooker00	JainG01 (0.22)	HookerO99 (0.19)	Hooker07 (0.17)	Thorsteinsson01 (0.17)	BockmayrK98 (0.17)
Hooker02	HookerO99 (0.57)	JainG01 (0.41)	BockmayrH05 (0.38)	Hooker06a (0.32)	Thorsteinsson01 (0.27)
Hooker04	Hooker05a (1.11)	Hooker05 (0.89)	Hooker07 (0.66)	Hooker06 (0.65)	CambazardHJDJT04 (0.64)
	Hooker05 (4.00)	Hooker07 (4.00)	Hooker05a (5.10)	Hooker06 (5.20)	CireCH16 (5.66)
Hooker05	Hooker05a (1.02)	Hooker04 (0.89)	Hooker07 (0.86)	ChuX05 (0.84)	Hooker06 (0.78)
	Hooker07 (3.74)	Hooker04 (4.00)	Hooker06 (5.00)	Hooker05a (5.66)	CireCH16 (7.07)
Hooker05a	Hooker04 (1.11)	Hooker05 (1.02)	CambazardJ05 (0.83)	BeniniBGM05 (0.75)	Hooker06 (0.73)
	Hooker06 (2.65)	Hooker07 (4.69)	Hooker04 (5.10)	Hooker05 (5.66)	Thorsteinsson01 (6.16)
Hooker05b	Hooker05 (0.65)	Hooker05a (0.61)	AronHY2004 (0.60)	Hooker04 (0.54)	CambazardJ05 (0.52)
	CambazardJ05 (4.69)	AbrilSB05 (5.48)	FrostD98 (5.48)	HebrardALLCMR22 (5.48)	Benders62 (5.57)
Hooker06	Hooker07 (0.86)	Hooker05 (0.78)	CobanH11 (0.74)	CireCH13 (0.74)	Hooker05a (0.73)
	Hooker05a (2.65)	Hooker07 (4.12)	Hooker05 (5.00)	Hooker04 (5.20)	HookerO03 (6.63)
Hooker06a	BockmayrH05 (0.36)	Hooker05b (0.33)	Hooker02 (0.32)	AronHY2004 (0.31)	YunesAH10 (0.29)
Hooker07	Hooker06 (0.86)	Hooker05 (0.86)	Hooker05a (0.72)	CireCH13 (0.69)	Hooker04 (0.66)
	Hooker05 (3.74)	Hooker04 (4.00)	Hooker06 (4.12)	Hooker05a (4.69)	CireCH16 (6.78)
Hooker10	YunesAH10 (0.29)	CireCH16 (0.20)	CireCH13 (0.19)	Simonis07 (0.18)	Hooker05a (0.17)
Hooker17	BogaerdtW19 (0.44)	HechingH16 (0.13)	HookerH17 (0.11)	TranVNB17 (0.11)	CireCH16 (0.10)
	HebrardTW05 (4.00)	CestaOS98 (4.36)	Vilim03 (4.47)	KorbaaYG00 (4.47)	LopezAKYG00 (4.47)
Hooker19					
	ElciOH22 (7.68)	CobanH11 (8.54)	ForbesHJST24 (9.06)	Hooker06 (9.27)	Hooker05a (9.33)
HookerH17	CireCH16 (0.24)	CastroGR10 (0.23)	YunesAH10 (0.21)	CobanH11 (0.18)	CireCH13 (0.17)
	YunesAH10 (11.45)	LamGSHD20 (11.66)	HookerO03 (11.87)	MilanoW06 (11.87)	MilanoW09 (11.92)
HookerO03	Hooker07 (0.40)	JainG01 (0.24)	Thorsteinsson01 (0.24)	ZarandiB12 (0.17)	RoshanaeiLAU17 (0.15)
	CireCH13 (4.80)	Thorsteinsson01 (4.80)	HookerY02 (5.10)	Beck10 (5.66)	HeinzKB13 (5.74)
HookerO99	Hooker02 (0.57)	BockmayrK98 (0.36)	RodosekWH99 (0.26)	HookerOTK00 (0.21)	JainG01 (0.20)
HookerOTK00	BockmayrK98 (0.22)	HookerO99 (0.21)	BenoistGR02 (0.19)	Thorsteinsson01 (0.14)	AronHY2004 (0.13)
HookerY02	Hooker05b (0.44)	BockmayrP06 (0.43)	AronHY2004 (0.42)	Thorsteinsson01 (0.37)	Hooker04 (0.29)
	HeinzKB13 (4.58)	ChuX05 (5.00)	HookerO03 (5.10)	CestaOS98 (5.39)	Limtanyakul07 (5.48)
HoundjiSW19	HoundjiSWD14 (0.42)	CauwelaertDMS16 (0.21)	PesantRR15 (0.17)	CauwelaertLS18 (0.11)	CauwelaertDS20 (0.11)
	HoundjiSWD14 (4.58)	FoxAS82 (6.93)	HebrardALLCMR22 (7.55)	BofillGSV15 (7.62)	CarchraeBF05 (7.68)
HoundjiSWD14	SimonisH11 (0.50)	HoundjiSW19 (0.42)	CauwelaertLS15 (0.35)	GaySS14 (0.33)	GayHLS15 (0.32)
	HoundjiSW19 (4.58)	FoxAS82 (5.92)	BofillGSV15 (6.71)	KrogtLPHJ07 (6.78)	FrostD98 (6.78)

Table 98: Most Similar Works

Work	1	2	3	4	5
HubnerGSV21	LimtanyakulS12 (0.11)	SchnellH17 (0.11)	HauderBRPA20 (0.10)	KreterSSZ18 (0.09)	LombardiM09 (0.08)
	CampeauG22 (8.25)	LiessM08 (8.83)	LombardiM10 (9.00)	LombardiM09 (9.22)	HeipckeCCS00 (9.27)
HurleyOS16	GalleguillosKSB19 (0.09)	IfrimOS12 (0.06)	BridiBLMB16 (0.05)	LimHTB16 (0.05)	
	IfrimOS12 (5.74)	MurphyMB15 (6.56)	AngelsmarkJ00 (6.78)	QuSN06 (6.78)	AkramNHRSA23 (6.86)
IfrimOS12	GrimesIOS14 (0.37)	LimBTBB15 (0.20)	BartoliniBBLM14 (0.11)	HurleyOS16 (0.06)	TranPZLDB18 (0.04)
	HurleyOS16 (5.74)	GrimesIOS14 (6.32)	HoYCLLC18 (6.48)	FoxAS82 (6.48)	BarzegaranZP20 (6.63)
IsikYA23	MengLZB21 (0.14)	OujanaAYB22 (0.09)	MengGRZSC22 (0.09)	WariZ19 (0.07)	NaderiRR23 (0.06)
	MengZRZL20 (9.90)	YunusogluY22 (10.54)	Novas19 (10.91)	ZhangJZL22 (11.75)	GedikKEK18 (11.79)
JaffarM94	Wallace96 (0.18)	DincbasSH90 (0.10)	MarriottS98 (0.10)	Simonis95a (0.09)	AggounB93 (0.07)
	DincbasSH90 (6.24)	Simonis95a (6.93)	LammaMM97 (7.00)	Goltz95 (7.07)	ChuGNSW13 (7.35)
JainG01	HarjunkskiG02 (0.53)	Thorsteinsson01 (0.52)	Hooker02 (0.41)	CastroGR10 (0.38)	MaraveliasCG04 (0.32)
	HarjunkskiG02 (5.74)	CatusseCBL16 (7.00)	Hooker05a (7.28)	Colombani96 (7.35)	Limtanyakul07 (7.35)
JainM99	BlazewiczDP96 (0.67)	DomdorfPH03 (0.27)	DorndorfPH99 (0.24)	ColT22 (0.21)	AdamsBZ88 (0.16)
	BlazewiczDP96 (9.38)	MalapertCGJLR13 (9.43)	MenciaSV13 (9.59)	ZhangYW21 (9.80)	GrimesH10 (9.95)
Jans09	CastroGR10 (0.13)	ChenGPSH10 (0.11)	CobanH11 (0.11)	YunesAH10 (0.11)	CireCH16 (0.11)
	LauLN08 (6.93)	BenediktSMVH18 (7.21)	DavenportKRSH07 (7.35)	ErtIK91 (7.81)	BogaerdW19 (7.87)
JelinekB16	Benders62 (0.18)	ReddyFIBKAJ11 (0.15)	Lauriere78 (0.11)	BoothTNB16 (0.08)	BaptisteLPN06 (0.07)
	FalaschiGMP97 (3.87)	CarchraeBF05 (4.00)	HebrardALLCMR22 (4.00)	ZhangLS12 (4.12)	AngelsmarkJ00 (4.24)
JourdanFRD94					
JungblutK22					
	abs-1901-07914 (5.66)	GomesHS06 (5.83)	AngelsmarkJ00 (5.92)	CarchraeBF05 (6.08)	AkramNHRSA23 (6.16)
JussienL02	MalapertCGJLR12 (0.29)	Colombani96 (0.29)	Zhou96 (0.26)	BeckF00 (0.25)	Dorndorf2000 (0.20)
	MalapertCGJLR13 (5.92)	Caseau97 (6.78)	KovacsV04 (6.86)	KhayatLR06 (6.93)	FortinZDF05 (7.00)
JuvinHHL23	MenciaSV13 (9.17)	SialaAH15 (9.90)	JuvinHL22 (9.90)	SourdN00 (10.05)	TorresL00 (10.15)
JuvinHL22	NaderiR22 (0.28)	SourdN00 (0.23)	MullerMKP22 (0.18)	NaderiRR23 (0.18)	Wolf03 (0.17)
	JuvinHL23a (6.16)	SourdN00 (9.11)	TanT18 (9.17)	MenciaSV13 (9.27)	GuyonLPR12 (9.43)
JuvinHL23	KuB16 (0.07)	BillautHL12 (0.07)	NaderiRR23 (0.07)	GrimesH10 (0.06)	BriandHHL08 (0.06)
	ParkUJR19 (6.63)	DilkinaDH05 (6.78)	BillautHL12 (7.00)	NuijtenA96 (7.07)	LiFJZLL22 (7.14)
JuvinHL23a	NaderiR22 (0.31)	SourdN00 (0.22)	NaderiRR23 (0.18)	MullerMKP22 (0.16)	ColT22 (0.15)
	JuvinHL22 (6.16)	NaderiBZ22a (9.33)	MenciaSV13 (9.59)	Teppan22 (9.80)	TorresL00 (9.85)
KamarainenS02	KhemmoudjPB06 (0.29)	Wallace06 (0.25)	EreminW01 (0.21)	CestaOPS14 (0.20)	AjiliW04 (0.16)
	Puget95 (6.16)	ZibranR11 (6.24)	ZibranR11a (6.32)	KovacsEKV05 (6.56)	CestaOS98 (6.56)
Kameugne14	KameugneFSN14 (8.60)	KameugneFND23 (9.22)	GayHS15a (9.38)	KameugneFSN11 (9.59)	SchuttW10 (9.59)
Kameugne15	Vilim09 (5.48)	Vilim09a (5.57)	Caseau97 (5.57)	Vilim03 (5.83)	WolfS05 (5.83)
KameugneF13	OuelletQ18 (0.80)	OuelletQ13 (0.78)	KameugneFSN11 (0.77)	SchuttW10 (0.75)	Vilim09a (0.71)
	Tesch16 (0.78)	OuelletQ18 (0.71)	GayHS15a (0.67)	Tesch18 (0.64)	FetgoD22 (0.56)
KameugneFGOQ18	KameugneFND23 (5.57)	FetgoD22 (5.92)	OuelletQ13 (6.86)	OuelletQ18 (7.28)	SchuttW10 (7.35)
KameugneFND23	FetgoD22 (4.24)	OuelletQ13 (5.48)	KameugneFGOQ18 (5.57)	GingrasQ16 (6.71)	KameugneFSN14 (7.14)
KameugneFSN11	Vilim09 (0.84)	KameugneF13 (0.77)	SchuttW10 (0.73)	KameugneFSN14 (0.63)	OuelletQ13 (0.63)
	KameugneFSN14 (4.69)	OuelletQ13 (6.40)	SchuttW10 (6.48)	GingrasQ16 (6.48)	Caseau97 (7.21)
KameugneFSN14	OuelletQ13 (0.92)	OuelletQ18 (0.87)	SchuttW10 (0.73)	FahimiOQ18 (0.70)	LetortBC12 (0.69)
	KameugneFSN11 (4.69)	GingrasQ16 (6.78)	KameugneFND23 (7.14)	OuelletQ13 (7.14)	SchuttW10 (7.21)
KanetAG04	FoxS90 (9.06)	JainG01 (9.22)	BogaerdW19 (9.38)	ZeballosH05 (9.38)	BeckR03 (9.38)
KelarevaTK13	SzerediS16 (0.19)	SchuttCSW12 (0.18)	SchuttFS13 (0.17)	BofillEGPSV14 (0.16)	GuSS13 (0.15)
	FrankDT16 (9.59)	GilesH16 (9.64)	BofillEGPSV14 (9.80)	AngelsmarkJ00 (9.95)	BarlattCG08 (9.95)
KelbelH11	AbreuN22 (0.30)	TanSD10 (0.24)	GrimesHM09 (0.23)	BaptisteLPN06 (0.21)	BeckR03 (0.20)
	MonetteDH09 (7.35)	GodardLN05 (8.66)	Hooker06 (8.89)	BeckR03 (8.94)	Hooker05a (9.06)
KeriK07	EsquirolLH2008 (0.20)	SchuttCSW12 (0.18)	BaptisteP97 (0.17)	KovacsV04 (0.16)	LimtanyakulS12 (0.14)
	LombardiM13 (5.57)	Muscettola02 (6.16)	BonfiettiM12 (6.56)	Caballero23 (6.71)	KovacsEKV05 (6.78)

Table 98: Most Similar Works

Work	1	2	3	4	5
KhayatLR06	ZeballosQH10 (0.32)	NovasH14 (0.18)	CorreaLR07 (0.15)	Zeballos10 (0.13)	HarjunkoskiG02 (0.12)
	BeckPS03 (6.24)	Vilim05 (6.32)	HeipckeCCS00 (6.56)	KovacsV06 (6.56)	ZhangYW21 (6.63)
KhemmoudjPB06	KamarainenS02 (0.29)	HentenryckM04 (0.18)	DejemeppeD14 (0.13)	PerronSF04 (0.13)	KletzanderM17 (0.12)
	BartakS11 (5.48)	LiuJ06 (5.83)	WolfS05 (5.92)	LozanoCDS12 (6.16)	HebrardALLCMR22 (6.16)
KimCMLLP23	GaySS14 (0.25)	KoschB14 (0.13)	DannaP03 (0.13)	OujanaAYB22 (0.12)	SacramentoSP20 (0.12)
	Shaw98 (8.25)	PerronSF04 (8.25)	DannaP03 (8.31)	FoxAS82 (8.43)	ZarandiKS16 (8.60)
KlankeBYE21	AwadMDMT22 (0.44)	EscobetPQPRA19 (0.23)	Simonis95 (0.13)	HermenierDL11 (0.11)	OddiPCC03 (0.11)
	Vilim09a (7.48)	FortinZDF05 (7.68)	BenderWS21 (7.68)	Bartak02 (7.75)	MurphyMB15 (7.81)
KletzanderM17	GoldwaserS17 (0.53)	WuBB09 (0.14)	KhemmoudjPB06 (0.12)	AggounB93 (0.10)	KamarainenS02 (0.09)
	ZibranR11 (5.20)	ZhangLS12 (5.66)	CarchraeBF05 (5.74)	FrostD98 (5.74)	HebrardALLCMR22 (5.74)
KoehlerBFFHPSSS21	ColT19 (0.09)	MelgarejoLS15 (0.06)	TanT18 (0.05)	WuBB09 (0.04)	FrohnerTR19 (0.03)
	MelgarejoLS15 (13.15)	TranWDRFOVB16 (13.42)	WallaceY20 (13.49)	KuB16 (13.53)	KovacsTKSG21 (13.60)
KolischH06	BruckerDMNP99 (0.41)	KolischS97 (0.37)	HerroelenRD98 (0.36)	HartmannB10 (0.33)	BlazewiczLK83 (0.28)
	LombardiM12a (5.74)	BofillCSV17 (6.16)	LombardiM13 (6.86)	KolischS97 (6.93)	LombardiBM15 (7.42)
KolischS97	HerroelenRD98 (0.44)	KolischH06 (0.37)	BruckerDMNP99 (0.36)	BlazewiczLK83 (0.27)	DemasseAM05 (0.23)
	BofillCSV17 (5.66)	LombardiM12a (5.74)	DemasseAM05 (6.16)	HeipckeCCS00 (6.24)	LiessM08 (6.24)
KorbaaYG00	OzturkTHO12 (0.17)	NovasH12 (0.08)	LorigeonBB02 (0.07)	GokgurHO18 (0.05)	HachemiGR11 (0.05)
	LopezAKYG00 (0.00)	BaptisteLV92 (0.00)	CarlierP94 (0.00)	ApplegateC91 (0.00)	DincbasHSAGB88 (0.00)
KorbaaYG99					
	BocewiczBB09 (6.24)	AstrandJZ18 (6.48)	BonfiettiLBM12 (6.48)	ErtlK91 (6.71)	LombardiBMB11 (6.78)
KoschB14	TangB20 (0.33)	KameugneFSN14 (0.21)	LetortCB13 (0.21)	Beck10 (0.21)	KameugneFGQ18 (0.20)
	Beck10 (8.12)	ChuX05 (8.43)	WatsonB08 (8.77)	BillautHL12 (8.77)	Beck06 (8.77)
KovacsB07	KovacsB11 (0.63)	KovacsB08 (0.23)	KovacsV06 (0.11)	KovacsV04 (0.08)	BeldiceanuC01 (0.06)
	KovacsB11 (5.10)	KovacsB08 (6.40)	HanenKP21 (8.89)	ChuX05 (9.00)	ZarandiKS16 (9.00)
KovacsB08	KovacsB11 (0.40)	KovacsB07 (0.23)	LiuGT10 (0.14)	TrojetHL11 (0.13)	Muscettola02 (0.11)
	KovacsB07 (6.40)	Vilim09a (6.63)	Vilim09 (6.86)	PoderB08 (7.48)	WolfS05 (7.55)
KovacsB11	KovacsB07 (0.63)	KovacsB08 (0.40)	MonetteDH09 (0.15)	WariZ19 (0.13)	SchausHMCMD11 (0.11)
	KovacsB07 (5.10)	KovacsB08 (7.68)	BonninMNE24 (9.11)	GokgurHO18 (9.17)	BartuschMR88 (9.22)
KovacsEKV05	KovacsV06 (0.40)	KovacsV04 (0.13)	NattafHKAL19 (0.13)	NattafAL15 (0.13)	NattafALR16 (0.11)
	Tsang03 (2.83)	CestaOS98 (2.83)	Caballero23 (3.00)	AngelsmarkJ00 (3.16)	Baptiste09 (3.32)
KovacsK11	Sadykov04 (0.13)	Hooker05 (0.11)	Beck10 (0.11)	ChuX05 (0.11)	HeinzKB13 (0.10)
	JuvinHL23 (7.48)	FoxAS82 (7.48)	AngelsmarkJ00 (7.81)	ChuX05 (7.81)	Colombani96 (7.87)
KovacsTKSG21					
	HeipckeCCS00 (8.31)	Caseau97 (8.60)	KovacsV06 (8.66)	Goltz95 (8.66)	FoxAS82 (8.66)
KovacsV04	ZhangLS12 (0.50)	QuirogaZH05 (0.40)	Geske05 (0.40)	LimtanyakulS12 (0.36)	EvenSH15 (0.33)
	KovacsV06 (4.47)	Bartak02a (4.90)	Caseau97 (5.00)	HeipckeCCS00 (5.10)	ChuGNSW13 (5.66)
KovacsV06	Vilim03 (0.67)	KovacsEKV05 (0.40)	SchuttS16 (0.40)	KovacsV04 (0.21)	KreterSS17 (0.12)
	KovacsV04 (4.47)	HeipckeCCS00 (5.48)	Bartak02a (5.83)	Caseau97 (5.92)	BeckPS03 (6.00)
KreterSS15	KreterSS17 (0.89)	SzerediS16 (0.64)	SchuttFS13 (0.63)	SchuttCSW12 (0.59)	SchuttFSW15 (0.47)
	KreterSS17 (6.00)	KreterSSZ18 (6.63)	YoungFS17 (6.86)	SzerediS16 (7.14)	SchuttS16 (7.55)
KreterSS17	KreterSS15 (0.89)	KreterSSZ18 (0.42)	SchuttFSW15 (0.40)	YoungFS17 (0.39)	SchuttCSW12 (0.37)
	KreterSS15 (6.00)	KreterSSZ18 (7.62)	YoungFS17 (9.00)	SzerediS16 (9.00)	abs-1009-0347 (9.54)
KreterSSZ18	KreterSS17 (0.42)	SchnellH15 (0.40)	SchnellH17 (0.37)	KreterSS15 (0.32)	EdwardsBSE19 (0.25)
	KreterSS15 (6.63)	SzerediS16 (7.55)	KreterSS17 (7.62)	YoungFS17 (7.68)	SchuttFSW13 (7.81)
KrogtLPHJ07	Wolf05 (0.18)	TanSD10 (0.14)	MonetteDD07 (0.13)	BosiM2001 (0.13)	SourdN00 (0.12)
	FoxAS82 (5.74)	Puget95 (5.92)	ZibranR11a (6.08)	LauLN08 (6.48)	ZibranR11 (6.48)
KuB16	ColT2019a (0.27)	ColT19 (0.22)	ColT22 (0.21)	GrimesHM09 (0.21)	WatsonB08 (0.19)
	WatsonB08 (7.87)	FontaineMH16 (8.00)	Shaw98 (8.00)	NuijtenA96 (8.06)	ArtiguesBF04 (8.12)
Kuchcinski03	KuchcinskiW03 (0.22)	Colombani96 (0.20)	Goltz95 (0.18)	BeldiceanuC94 (0.12)	DorndorfHP99 (0.11)
KuchcinskiW03					
	Kuchcinski03 (0.22)	BeniniLMR08 (0.15)	ZhangLS12 (0.10)	Geske05 (0.10)	QuirogaZH05 (0.10)
	MalikMB08 (4.12)	WolinskiKG04 (5.10)	LiuLH19 (5.48)	LiuJ06 (5.57)	LozanoCDS12 (5.57)
KucukY19	SquillaciPR23 (0.06)				
	VerfaillieL01 (5.74)	FrankDT16 (5.83)	AngelsmarkJ00 (6.24)	LiuJ06 (6.40)	CarchraeBF05 (6.56)
Kumar03	LombardiM09 (0.32)	Muscettola02 (0.22)	BeldiceanuP07 (0.22)	LouieVNB14 (0.18)	Laborie03 (0.18)
	LiuJ06 (4.80)	CestaOS98 (5.00)	Caballero23 (5.29)	KovacsEKV05 (5.39)	Tsang03 (5.57)

Table 98: Most Similar Works

Work	1	2	3	4	5
Laborie03	BaptisteLPN06 (0.44)	NuijtenA96 (0.30)	MercierH07 (0.24)	BartakSR08 (0.23)	BeckF00 (0.21)
	BeckF00 (8.49)	DemasseAM05 (8.89)	VilimBC04 (8.94)	ChenGPSH10 (8.94)	BaptisteP00 (9.06)
Laborie09	DannaP03 (0.43)	PerronSF04 (0.25)	GrimesH11 (0.23)	Mercier-AubinGQ20 (0.13)	CarchraeB09 (0.12)
	MonetteDH09 (8.31)	LaborieR14 (8.37)	Hooker05a (8.54)	KhayatLR06 (8.66)	HeipckeCCS00 (8.72)
Laborie18a	ColT19 (0.34)	ColT2019a (0.30)	LaborieRSV18 (0.30)	BoothTNB16 (0.26)	CappartTSR18 (0.23)
	Limtanyakul07 (6.24)	HookerY02 (6.40)	KovacsEKV05 (6.63)	WuBB05 (6.63)	Puget95 (6.86)
LaborieR14	VilimLS15 (0.25)	ColT19 (0.22)	CappartS17 (0.21)	LaborieRSV18 (0.19)	Beck10 (0.14)
	HeipckeCCS00 (7.48)	MonetteDH09 (7.55)	KovacsV06 (8.12)	Bartak02a (8.12)	BeckPS03 (8.12)
LaborieRSV18	HamP21 (0.30)	Laborie18a (0.30)	VilimLS15 (0.26)	Ham18a (0.21)	LuoB22 (0.19)
	LaborieR14 (12.77)	Laborie09 (13.23)	NovaraNH16 (13.49)	VilimLS15 (13.71)	BeckPS03 (13.89)
LacknerMMWW21					
	LacknerMMWW23 (5.20)	GroleazNS20a (12.69)	ColT19 (12.85)	ColT22 (12.88)	abs-2102-08778 (12.92)
LacknerMMWW23	TangB20 (0.18)	HamFC17 (0.17)	KoschB14 (0.12)	ColT19 (0.09)	Ham18 (0.09)
	LacknerMMWW21 (5.20)	ColT22 (13.15)	GroleazNS20a (13.49)	ColT19 (13.56)	WinterMMW22 (13.56)
LahimerLH11	GuSS13 (0.05)	GuSSWC14 (0.04)	GomesM17 (0.03)	Achterberg09 (0.03)	BruckerK00 (0.03)
	HeipckeCCS00 (6.63)	MalapertCGJLR13 (6.78)	MakMS10 (6.93)	Caseau97 (7.28)	VanczaM01 (7.28)
LamGSHD20	CobanH11 (0.44)	BeniniLMMR08 (0.31)	HeinzKB13 (0.28)	CireCH16 (0.25)	CambazardHDJT04 (0.25)
	CireCH13 (8.25)	HookerO03 (8.31)	Thorsteinsson01 (8.49)	HookerY02 (8.54)	HeinzKB13 (8.72)
LammaMM97	Simonis95a (0.21)	Simonis99 (0.16)	BaptisteLV92 (0.15)	Goltz95 (0.14)	Zhou96 (0.14)
	BrusoniCLMMT96 (5.20)	DincbasSH90 (5.83)	JaffarM94 (7.00)	HoeveGSL07 (7.28)	QuSN06 (7.35)
LauLN08	GuSW12 (0.08)	GuSSWC14 (0.05)			
	Puget95 (4.36)	HebrardTW05 (4.80)	Shaw98 (4.90)	FoxAS82 (5.20)	KovacsEKV05 (5.29)
Lauriere78	AggounB93 (0.14)	BeldiceanuC94 (0.14)	LustigP01 (0.11)	JelinekB16 (0.11)	Benders62 (0.10)
Layfield02					
	MaraveliasG04 (2.00)	LopezAKYG00 (3.46)	KorbaaYG00 (3.46)	BaptisteLV92 (3.46)	CarlierP94 (3.46)
Lemos21					
	KovacsTKSG21 (13.19)	ShaikhK23 (13.27)	PourDERB18 (13.30)	MarliereSPR23 (13.56)	LuZZYW24 (13.60)
Letort13					
	LetortCB15 (7.75)	LetortBC12 (8.37)	LetortCB13 (8.49)	Derrien15 (9.27)	GayHS15a (9.70)
LetortBC12	OuelletQ13 (0.85)	GayHS15 (0.79)	KameugneFSN14 (0.69)	Vilim11 (0.66)	LetortCB13 (0.65)
	LetortCB13 (3.46)	LetortCB15 (4.69)	BeldiceanuC02 (7.75)	BeldiceanuP07 (7.81)	WolfS05 (7.94)
LetortCB13	LetortCB15 (0.83)	LetortBC12 (0.65)	KameugneFSN11 (0.52)	OuelletQ13 (0.50)	KameugneFSN14 (0.40)
	LetortBC12 (3.46)	LetortCB15 (4.47)	BeldiceanuP07 (7.68)	BeldiceanuCP08 (7.87)	CauwelaertLS15 (7.87)
LetortCB15	LetortCB13 (0.83)	LetortBC12 (0.62)	OuelletQ13 (0.57)	GayHS15a (0.46)	KameugneFSN14 (0.42)
	LetortCB13 (4.47)	LetortBC12 (4.69)	Letort13 (7.75)	GingrasQ16 (8.60)	KovacsV04 (8.66)
LiFJZLL22	Fatemi-AnarakiTFV23 (0.11)	AbreuNP23 (0.08)	MurinR19 (0.08)	ParkUJR19 (0.06)	HamPK21 (0.05)
	JuvinHL23 (7.14)	Shaw98 (7.48)	Taillard93 (8.06)	NovasH14 (8.12)	Teppan22 (8.25)
LiW08	AronHY2004 (0.30)	Hooker05 (0.25)	Hooker05b (0.24)	YunesAH10 (0.22)	AggounMV08 (0.22)
	KhayatLR06 (7.68)	BeckPS03 (7.87)	HeipckeCCS00 (8.37)	BenderWS21 (8.37)	QuirogaZH05 (8.37)
LiessM08	DemasseAM05 (0.46)	NeronABCDD06 (0.42)	BruckerK00 (0.41)	ArkhipovBL19 (0.32)	KameugneFSN14 (0.25)
	DemasseAM05 (5.39)	ElkhyariGJ02 (5.74)	HeipckeCCS00 (6.00)	LombardiM13 (6.00)	BofillCSV17 (6.08)
LimBTBB15	LimHTB16 (0.44)	GelainPRVW17 (0.40)	IfrimOS12 (0.20)	DannaP03 (0.19)	PerronSF04 (0.15)
	LimHTB16 (5.74)	GelainPRVW17 (6.56)	HebrardTW05 (7.07)	ZhangLS12 (7.07)	ZibranR11 (7.14)
LimHTB16	LimBTBB15 (0.44)	MurphyMB15 (0.09)	DannaP03 (0.08)	SchausHMCMD11 (0.07)	GarganiR07 (0.07)
	LimBTBB15 (5.74)	ZibranR11 (6.78)	ZibranR11a (6.86)	ChapadosJR11 (6.86)	GelainPRVW17 (7.07)
LimRX04	ZampelliVSDR13 (0.16)	UnsalO13 (0.13)	GuSW12 (0.08)	ZarandiKS16 (0.06)	LombardiMB13 (0.06)
	HebrardTW05 (5.66)	KletzanderM17 (5.83)	ZibranR11 (6.08)	AngelsmarkJ00 (6.08)	Vilim03 (6.16)
Limtanyakul07	LimtanyakulS12 (0.54)	Davenport10 (0.40)	Vilim09 (0.29)	Vilim09a (0.29)	Beck10 (0.29)
	FoxAS82 (5.10)	HookerY02 (5.48)	Sadykov04 (5.66)	WuBB05 (5.74)	HebrardTW05 (5.83)
LimtanyakulS12	Limtanyakul07 (0.54)	QuirogaZH05 (0.42)	ZhangLS12 (0.40)	KovacsV04 (0.36)	Geske05 (0.33)
	Limtanyakul07 (7.87)	Hooker06 (8.49)	Laborie18a (8.54)	ChuX05 (8.54)	Beck10 (8.60)
LipovetzkyBPS14	NethercoteSBBDT07 (0.01)				
	NishikawaSTT18 (5.92)	NishikawaSTT18a (6.08)	GarridoAO09 (6.56)	BlomBPS14 (6.63)	KovacsV04 (6.86)
LiuCGM17	BartakS11 (0.11)	Colombani96 (0.10)	Rodriguez07 (0.10)	NuijtenA96 (0.10)	Zhou96 (0.09)
	ZibranR11 (5.92)	ZibranR11a (6.00)	ChapadosJR11 (6.32)	HebrardALLCMR22 (6.71)	ZhangLS12 (6.78)

Table 98: Most Similar Works

Work	1	2	3	4	5
LiuGT10	BriandHHL08 (0.32)	KameugneF13 (0.32)	TanSD10 (0.31)	ArkhipovBL19 (0.26)	KameugneFSN11 (0.25)
LiuJ06					
LiuLH19	CarchraeBF05 (3.16)	AngelsmarkJ00 (3.46)	Baptiste09 (3.87)	FrostD98 (4.00)	ChapadosJR11 (4.12)
	BandaSC11 (0.17)	PoderBS04 (0.15)	DincbasSH90 (0.14)	LustigP01 (0.13)	AggounB93 (0.13)
	BandaSC11 (4.58)	GelainPRVW17 (4.80)	Puget95 (5.29)	CestaOS98 (5.39)	MalikMB08 (5.39)
LiuW11	NovasH14 (0.16)	TangLWSK18 (0.14)	Zeballos10 (0.12)	LiessM08 (0.10)	ZarandiKS16 (0.08)
Lombardi10					
LombardiBM15	LombardiM10a (12.41)	LombardiM12 (12.57)	LombardiMRB10 (13.04)	BruckerDMNP99 (13.30)	LombardiMB13 (14.07)
	KameugneF13 (0.33)	KameugneFSN11 (0.24)	KameugneFSN14 (0.22)	LetortCB13 (0.22)	LombardiM10 (0.21)
	BonfiettiLM14 (4.12)	LombardiM12a (4.90)	LombardiM09 (5.57)	LombardiM10 (5.92)	FortinZDF05 (6.00)
LombardiBMB11	BonfiettiLBM11 (0.80)	LombardiM13 (0.31)	LombardiM12a (0.31)	BonfiettiLBM14 (0.21)	BonfiettiLBM12 (0.17)
	BonfiettiLBM11 (4.12)	BonfiettiLBM12 (5.10)	BonfiettiLM13 (5.57)	BonfiettiLBM14 (6.08)	Bonfietti16 (6.48)
LombardiM09	LombardiM13 (0.40)	LombardiM12a (0.40)	LombardiM10 (0.35)	CestaOS98 (0.33)	Kumar03 (0.32)
	LombardiM10 (4.47)	LombardiBM15 (5.57)	LombardiM13 (5.57)	FortinZDF05 (5.74)	LombardiM12a (5.92)
LombardiM10	LombardiMB13 (0.40)	LombardiM09 (0.35)	LombardiM13 (0.25)	LombardiM12a (0.25)	AmadiniGM16 (0.22)
	LombardiM09 (4.47)	CampeauG22 (5.39)	LombardiM13 (5.57)	Bonfietti16 (5.83)	LombardiBM15 (5.92)
LombardiM10a	BartakCS10 (0.38)	BeniniLMR11 (0.28)	LombardiMRB10 (0.28)	LombardiM09 (0.19)	LombardiBM15 (0.19)
	LombardiMRB10 (8.00)	LombardiM10 (8.54)	OzturkTHO12 (9.06)	LombardiM09 (9.22)	BeniniLMR11 (9.27)
LombardiM12	CireCH13 (0.29)	CobanH11 (0.29)	CireCH16 (0.27)	AronHY2004 (0.23)	Hooker07 (0.22)
	GokPTGO23 (10.49)	BaptisteP97 (10.68)	LiessM08 (10.95)	Mercier-AubinGQ20 (11.00)	DemasseyAM05 (11.00)
LombardiM12a	LombardiM13 (2.00)	LombardiM09 (0.40)	SchuttFSW13 (0.31)	LombardiBMB11 (0.31)	LombardiMB13 (0.29)
	BofillCSV17 (4.80)	LombardiBM15 (4.90)	LombardiM13 (5.29)	KolischS97 (5.74)	KolischH06 (5.74)
LombardiM13	LombardiM12a (2.00)	LombardiM09 (0.40)	SchuttFSW13 (0.31)	LombardiBMB11 (0.31)	LombardiMB13 (0.29)
	Caballero23 (4.24)	BonfiettiM12 (4.47)	KovacsEKV05 (4.58)	ElkhyariGJ02 (4.58)	FortinZDF05 (4.69)
LombardiMB13	LombardiM10 (0.40)	LombardiM09 (0.29)	LombardiM13 (0.29)	LombardiM12a (0.29)	CestaOPS14 (0.24)
	LombardiM09 (6.86)	LombardiM10 (7.00)	LombardiMRB10 (7.75)	Vilim09a (7.81)	Bonfietti16 (7.94)
LombardiMRB10	BeniniBGM05 (0.44)	BeniniLMR08 (0.41)	BeniniLMMR08 (0.37)	CireCH13 (0.37)	BeniniLMR11 (0.36)
	BeniniBGM06 (7.68)	LombardiMB13 (7.75)	BeniniLMR08 (8.00)	LombardiM10a (8.00)	BeniniBGM05 (8.12)
LopesCSM10	MouraSCL08 (0.95)	MouraSCL08a (0.81)	ThiruvadyBME09 (0.07)	RenT09 (0.07)	OhrimenkoSC09 (0.06)
	MouraSCL08 (6.16)	MouraSCL08a (6.78)	GilesH16 (8.25)	Puget95 (8.66)	LauLN08 (8.94)
LopezAKYG00					
LorigeonBB02	KorbaaYG00 (0.00)	BaptisteLV92 (0.00)	CarlierP94 (0.00)	ApplegateC91 (0.00)	DincbasHSAGB88 (0.00)
	NuijtenA96 (0.09)	KorbaaYG00 (0.07)	ArtiguesF07 (0.06)	MalapertCGJLR12 (0.04)	MejiaY20 (0.04)
	Taillard93 (6.78)	JuvinHL23 (7.21)	BillautHL12 (7.42)	HebrardHJMPV16 (8.12)	QinWSLS21 (8.25)
LouieVNB14	Kumar03 (0.18)	BoothTNB16 (0.18)	ReddyFIBKAJ11 (0.12)	Laborie03 (0.11)	BidotVLB09 (0.10)
	ZibranR11a (5.29)	TranVNB17a (5.48)	ChapadosJR11 (5.66)	AstrandJZ18 (5.74)	ZibranR11 (5.74)
LozanoCDS12	MalikMB08 (0.11)	SimoninAHL12 (0.11)	BeldiceanuC02 (0.10)	Kuchcinski03 (0.09)	LetortCB15 (0.09)
	MalikMB08 (5.10)	ErtIK91 (5.39)	WolinskiKG04 (5.39)	LiuJ06 (5.48)	KuchcinskiW03 (5.57)
LuZZYW24					
LubySZ93	Tom19 (11.05)	PourDERB18 (11.14)	ZouZ20 (11.36)	Ham18 (11.40)	MalapertCGJLR13 (11.40)
	OhrimenkoSC09 (0.06)	BeckF00 (0.04)	Laborie03 (0.04)	SchuttFSW11 (0.04)	SchuttFSW13 (0.03)
Lunardi20					
LunardiBLRV20	YunusogluY22 (12.77)	AfsarVPG23 (12.85)	LunardiBLRV20 (12.92)	MengZRZL20 (12.96)	OujanaAYB22 (13.00)
	HamC16 (0.24)	NaderiR22 (0.24)	HamP21 (0.23)	MengZRZL20 (0.23)	HeinzNVH22 (0.22)
	MurinR19 (9.22)	ZhangW18 (9.27)	JuvinHL23 (9.43)	CauwelaertDMS16 (9.49)	DejemeppeCS15 (9.59)
LuoB22	LaborieRSV18 (0.19)	ColT19 (0.15)	BeldiceanuCDP11 (0.11)	BeldiceanuCP08 (0.11)	Laborie18a (0.11)
	HookerY02 (8.49)	LauLN08 (8.54)	PerezGSL23 (8.72)	abs-2312-13682 (8.72)	Caseau97 (8.77)
LuoVLBM16					
	BridiLBBM16 (5.48)	HebrardTW05 (5.74)	BonfiettiM12 (5.74)	Puget95 (5.74)	LauLN08 (5.83)
LustigP01	DincbasSH90 (0.21)	Hentenryck02 (0.19)	BrailsfordPS99 (0.18)	Darby-DowmanLMZ97 (0.18)	BartakS11 (0.17)
Mackworth77	Davis87 (0.09)	DechterMP91 (0.08)	MintonJPL92 (0.07)	Lauriere78 (0.06)	JaffarM94 (0.04)

Table 98: Most Similar Works

Work	1	2	3	4	5
Madi-WambaB16					
Madi-WambaLOBM17	Caseau97 (5.83) GayHS15 (0.24)	AngelsmarkJ00 (6.00) DerrienPZ14 (0.22)	ChuGNSW13 (6.08) GayHS15a (0.20)	Puget95 (6.24) LetortCB15 (0.18)	KovacsV04 (6.40) OuelletQ13 (0.18)
MakMS10	BeldiceanuC02 (6.56)	ChuGNSW13 (6.63)	MurphyMB15 (6.78)	Bartak02a (6.93)	Goltz95 (7.07)
Malapert11	LauLN08 (5.74)	Limtanyakul07 (5.83)	FoxAS82 (5.83)	LuoVLBM16 (6.24)	Sadykov04 (6.32)
MalapertCGJLR12	Fahimi16 (13.96) MejiaY20 (0.46)	MalapertCGJLR12 (14.56) GrimesHM09 (0.44)	FahimiOQ18 (14.70) AbreuAPNM21 (0.34)	GrimesH15 (15.03) JussienL02 (0.29)	Schutt11 (15.17) MonetteDD07 (0.24)
MalapertCGJLR13	MalapertCGJLR13 (7.55)	GrimesHM09 (8.25)	GrimesH10 (8.66)	MonetteDD07 (8.66)	Bit-Monnot23 (8.94)
MalapertN19	JussienL02 (5.92) NattafDYW19 (0.49) NattafM20 (6.08)	KovacsV04 (6.32) NattafM20 (0.15) Ham18a (8.54)	Caseau97 (6.40) TangB20 (0.11) NattafDYW19 (8.72)	HeipckeCCS00 (6.48) GokgurHO18 (0.04) GedikKEK18 (9.33)	Shaw98 (6.56) EmdeZD22 (0.03) ArbaouiY18 (9.33)
Malik08					
MalikMB08	MalikMB08 (4.90) BegB13 (0.24)	BegB13 (5.29) ErtIK91 (0.23)	ErtIK91 (6.08) KovacsV04 (0.21)	KuchcinskiW03 (7.14) Davenport10 (0.20)	LozanoCDS12 (7.21) LimtanyakulS12 (0.19)
MaraveliasCG04	KuchcinskiW03 (4.12) RoePS05 (0.64)	ErtIK91 (4.58) HarjunkoskiG02 (0.47)	BegB13 (4.90) MaraveliasG04 (0.47)	Malik08 (4.90) JainG01 (0.32)	LozanoCDS12 (5.10) ZeballosNH11 (0.30)
MaraveliasG04	MaraveliasCG04 (0.47) Layfield02 (2.00)	HamdiL13 (0.39) KorbaaYG00 (2.00)	CobanH10 (0.33) LopezAKYG00 (2.00)	ChuX05 (0.29) BaptisteLV92 (2.00)	CireCH13 (0.27) CarlierP94 (2.00)
MarliereSPR23	CappartS17 (0.08)	Laborie18a (0.05)	ColT2019a (0.05)	ColT19 (0.05)	VlkHT21 (0.04)
MarriottS98	BrusoniCLMMT96 (9.00) JaffarM94 (0.10)	Rodriguez07b (9.00) BockmayrK98 (0.05)	CappartS17 (9.06) Wallace96 (0.04)	Rodriguez07 (9.22) OhrimenkoSC09 (0.03)	RodriguezS09 (9.27) BeldiceanuC94 (0.03)
MartinPY01	NovasH14 (0.04) Acuna-AgostMFG09 (6.00)	GoelSHFS15 (0.03) Touraivane95 (6.56)	Hentenryck02 (0.03) JelinekH16 (6.71)	ArtiguesF07 (0.03) FalaschiGMP97 (6.78)	Rodriguez07 (0.03) AngelsmarkJ00 (7.00)
MartnezAJ22	ElciOH22 (0.92)	NaderiR22 (0.54)	RoshanaeiN21 (0.40)	RoshanaeiBAUB20 (0.36)	FachiniA20 (0.32)
Mason01	EdisO11a (0.04) ZibranR11 (7.21)	BruckerDMNP99 (0.00) ChapadosJR11 (7.42)			
Mehdizadeh-Somarin23			ZibranR11a (7.42)	HebrardALLCMR22 (7.75)	Acuna-AgostMFG09 (7.81)
MejiaY20	JuvinHL23 (7.81) MalapertCGJLR12 (0.46)	BillautHL12 (7.87) AbreuAPNM21 (0.45)	TanT18 (8.37) AbreuN22 (0.41)	DilkinaDH05 (8.43) AbreuNP23 (0.30)	NuijtenA96 (8.43) JussienL02 (0.18)
MelgarejoLS15	AbreuAPNM21 (9.00) BartoliniBBLM14 (0.10)	AbreuPNF23 (9.80) MusliuSS18 (0.10)	AbreuNP23 (9.85) GilesH16 (0.09)	AbreuN22 (9.85) KoehlerBFFHPSSS21 (0.06)	ZhangYW21 (10.72) BartakSR08 (0.05)
Menana11	BandaSC11 (7.75)	BartakCS10 (8.06)	Shaw98 (8.12)	LiuJ06 (8.12)	LipovetzkyBPS14 (8.12)
MenciaSV12	abs-1902-01193 (8.31) MenciaSV13 (0.75)	LuoVLBM16 (8.94) ColT2019a (0.31)	BenoistGR02 (8.94) WatsonB08 (0.28)	ChapadosJR11 (9.11) BeckFW11 (0.25)	Tsang03 (9.27) DomdorfPH03 (0.25)
MenciaSV13	MenciaSV13 (4.80) MenciaSV12 (0.75)	NuijtenP98 (7.28) BeckFW11 (0.30)	SourdN00 (7.48) WatsonB08 (0.27)	ArtiguesF07 (7.55) GrimesHM09 (0.22)	ArtiguesBF04 (7.94) DomdorfPH03 (0.18)
MengGRZSC22	MenciaSV12 (4.80) MengZRZL20 (0.56)	SourdN00 (6.71) MengLZB21 (0.20)	NuijtenP98 (6.93) OujanaAYB22 (0.17)	NuijtenA96 (7.00) YunusogluY22 (0.11)	ArtiguesBF04 (7.07) AbreuN22 (0.10)
MengLZB21	NaderiRR23 (0.38)	SacramentoSP20 (0.34)	MengZRZL20 (0.31)	HamPK21 (0.30)	AbreuAPNM21 (0.24)
MengZRZL20	MengGRZSC22 (0.56) Novas19 (9.64)	MengLZB21 (0.31) IsikYA23 (9.90)	GedikKEK18 (0.26) HamPK21 (10.00)	LunardiBLRV20 (0.23) AbreuNP23 (10.44)	HamPK21 (0.22) OujanaAYB22 (10.63)
Mercier-AubinGQ20	DerrienPZ14 (0.40) Hooker06 (8.89)	LombardiM09 (0.22) Hooker05a (8.94)	SzerediS16 (0.15) MonetteDH09 (9.06)	Laborie09 (0.13) KovacsV06 (9.75)	GrimesH11 (0.13) OzturkTHO12 (9.85)
MercierH07	MercierH08 (0.57)	VilimBC04 (0.44)	Puget95 (0.40)	Vilim05 (0.38)	SchuttWS05 (0.33)
MercierH08	Vilim09 (0.64) SchuttWS05 (6.16)	MercierH07 (0.57) BeldiceanuP07 (6.24)	SchuttW10 (0.57) Caseau97 (6.48)	SchuttWS05 (0.49) Kameugne15 (6.71)	KameugneFSN14 (0.48) PoderB08 (6.78)

Table 98: Most Similar Works

Work	1	2	3	4	5
Milano11	MilanoW06 (0.32)	MilanoW09 (0.30)	AronHY2004 (0.20)	ChuX05 (0.20)	Wallace06 (0.19)
MilanoORT02	Hentenryck02 (0.36)	Simonis99 (0.31)	HookerY02 (0.29)	Hooker05b (0.27)	Refalo00 (0.27)
MilanoW06	MilanoW09 (0.78)	Milano11 (0.32)	Wallace06 (0.25)	ChuX05 (0.23)	Gronkvist06 (0.20)
MilanoW09	MilanoW09 (3.61)	JainG01 (10.39)	Hooker19 (10.49)	Hooker05a (10.82)	CatusseCBL16 (10.82)
MilanoW09	MilanoW06 (0.78)	AchterbergBKW08 (0.39)	GuyonLPR12 (0.33)	Milano11 (0.30)	Wallace06 (0.20)
MilanoW06	MilanoW06 (3.61)	Hooker19 (11.09)	HeinzKB13 (11.31)	ElciOH22 (11.40)	Hooker06 (11.45)
MintonJPL92	SadehF96 (0.23)	SmithBHW96 (0.13)	DechterMP91 (0.13)	NuijtenA96 (0.13)	BartakSR08 (0.12)
MoffittPP05					
MokhtarzadehTNF20	LiuJ06 (4.47)	ZhangLS12 (4.80)	ChapadosJR11 (5.00)	Vilim03 (5.00)	CarchraeBF05 (5.10)
	RabbaniMM21 (0.15)	HamP21 (0.14)	YunusogluY22 (0.11)	Edis21 (0.10)	HeinzNVH22 (0.10)
	WessenCS20 (7.28)	abs-1901-07914 (7.68)	BehrensLM19 (7.68)	ValleMGT03 (8.37)	NishikawaSTT19 (8.60)
MonetteDD07	ArtiouchineB05 (0.52)	Vilim05 (0.40)	Wolf05 (0.40)	SourdN00 (0.38)	DorndorfHP99 (0.38)
	Wolf03 (6.16)	CarlierP90 (6.63)	Wolf05 (6.93)	Vilim05 (7.00)	MalapertCGJLR13 (7.35)
MonetteDH09	ZhangLS12 (0.20)	KelbelH11 (0.19)	QuirogaZH05 (0.18)	Geske05 (0.18)	SchausHMCMD11 (0.17)
	BeckPS03 (6.71)	HentenryckM04 (6.93)	HeipckeCCS00 (7.28)	KelbelH11 (7.35)	Vilim05 (7.35)
MontemanniD23	MontemanniD23a (0.75)	FocacciLM99 (0.07)	Ham18 (0.06)	CauwelaertLS18 (0.04)	BalochG20 (0.03)
	MontemanniD23a (5.00)	AngelsmarkJ00 (6.40)	CarchraeBF05 (6.56)	Baptiste09 (6.78)	BarzegaranZP20 (6.93)
MontemanniD23a	MontemanniD23 (0.75)	FocacciLM99 (0.09)	Ham18 (0.07)	CauwelaertLS18 (0.04)	BalochG20 (0.03)
	MontemanniD23 (5.00)	CarchraeBF05 (6.48)	AngelsmarkJ00 (6.48)	BandaSC11 (6.63)	BarzegaranZP20 (6.71)
MossigeGSMC17	SzerediS16 (0.35)	AmadiniGM16 (0.24)	SchuttFSW15 (0.20)	BeldiceanuC02 (0.19)	BeldiceanuCDP11 (0.19)
	TrojetHL11 (8.12)	HeipckeCCS00 (8.31)	KovacsV06 (8.54)	SchuttFS13 (8.60)	KovacsV04 (8.77)
MouraSCL08	LopesCSM10 (0.95)	MouraSCL08a (0.79)	ThiruvadyBME09 (0.09)	OhrimenkoSC09 (0.08)	Simonis99 (0.07)
	LopesCSM10 (6.16)	Muscettola02 (6.48)	MouraSCL08a (6.63)	GilesH16 (6.78)	ZibranR11a (6.86)
MouraSCL08a	LopesCSM10 (0.81)	MouraSCL08 (0.79)	ThiruvadyBME09 (0.08)	RenT09 (0.08)	OhrimenkoSC09 (0.07)
	MouraSCL08 (6.63)	LopesCSM10 (6.78)	BartakS11 (7.21)	ErtlK91 (7.42)	LauLN08 (7.48)
MullerMKP22	JuvinHL22 (0.18)	JuvinHL23a (0.16)	DomdorFP03 (0.16)	DorndorfPH99 (0.15)	NaderiR22 (0.15)
	abs-2211-14492 (10.10)	Teppan22 (10.91)	HamC16 (10.95)	KhayatLR06 (11.00)	TasselGS23 (11.05)
MurinR19	HeinzNVH22 (0.37)	CauwelaertDS20 (0.28)	ThomasKS20 (0.26)	CauwelaertDMS16 (0.24)	CappartTSR18 (0.23)
	NovasH14 (7.81)	KhayatLR06 (7.94)	CauwelaertDMS16 (8.31)	DavenportKRSH07 (8.31)	BeckPS03 (8.37)
MurphyMB15	CarlierPSJ20 (0.13)	DorndorfHP99 (0.10)	LimHTB16 (0.09)	Simonis95 (0.09)	Geske05 (0.09)
	WolfS05 (5.48)	PoderB08 (5.74)	LiuJ06 (5.74)	BoothNB16 (5.83)	AngelsmarkJ00 (5.92)
Muscettola02	Kumar03 (0.22)	Laborie03 (0.20)	LombardiM09 (0.19)	CestaOPS14 (0.19)	PraletLJ15 (0.17)
	LombardiM13 (5.20)	BonfiettiM12 (5.92)	KovacsEKV05 (6.00)	Puget95 (6.08)	BartakCS10 (6.08)
MusliuSS18	GokGSTO20 (0.28)	FrohnerTR19 (0.21)	GeibingerMM19 (0.21)	HoYCLLC18 (0.11)	DemirovicS18 (0.10)
	PesantRR15 (8.12)	BandaSC11 (8.31)	ChapadosJR11 (8.37)	JungblutK22 (8.37)	BourdaisGP03 (8.49)
NaderiBZ22	NaderiRR23 (0.28)	NaderiBZ22a (0.16)	NaderiRBAU21 (0.15)	NaderiBZR23 (0.13)	RoshanaeiN21 (0.11)
	NaderiBZ23 (2.24)	ElciOH22 (9.00)	GomesM17 (9.75)	BogaerdtW19 (10.05)	CobanH11 (10.15)
NaderiBZ22a	ZhangYW21 (0.42)	ShiYXQ22 (0.29)	PohlAK22 (0.29)	ZhuSZW23 (0.25)	NaderiRBAU21 (0.23)
	ZhangYW21 (7.81)	ZhuSZW23 (8.12)	TanT18 (9.11)	JuvinHL23a (9.33)	JuvinHL22 (9.54)
NaderiBZ23	NaderiRR23 (0.29)	NaderiBZ22a (0.18)	NaderiBZR23 (0.16)	NaderiRBAU21 (0.15)	RoshanaeiN21 (0.11)
	NaderiBZ22 (2.24)	ElciOH22 (9.38)	GomesM17 (10.10)	RoshanaeiBAUB20 (10.15)	ParkUJR19 (10.34)
NaderiBZR23	NaderiRBAU21 (0.27)	HechingHK19 (0.24)	MartnezAJ22 (0.19)	RoshanaeiBAUB20 (0.17)	NaderiBZ23 (0.16)
NaderiR22	ElciOH22 (0.67)	MartnezAJ22 (0.54)	JuvinHL23a (0.31)	RoshanaeiN21 (0.29)	JuvinHL22 (0.28)
NaderiRBAU21	RoshanaeiN21 (0.71)	RoshanaeiBAUB20 (0.67)	RoshanaeiLAU17 (0.43)	RoshanaeiLAU17a (0.41)	MartnezAJ22 (0.31)
NaderiRR23	MengLZB21 (0.38)	NaderiBZ23 (0.29)	NaderiBZ22 (0.28)	NaderiRBAU21 (0.23)	RoshanaeiN21 (0.19)
	NaderiBZ22 (11.62)	GrimesH15 (11.66)	MengZRZL20 (11.70)	NaderiBZ23 (11.75)	NaderiBZ22a (12.12)
Nattaf16					
	BaptistePN99 (11.00)	NattafAL15 (11.05)	LahimerLH11 (11.14)	ArbaouiY18 (11.18)	NattafAL17 (11.27)
NattafAL15	NattafALR16 (1.43)	NattafHKAL19 (0.67)	ArtiguesL14 (0.51)	NattafAL17 (0.45)	ArtiguesLH13 (0.29)
	NattafALR16 (2.24)	NattafHKAL19 (6.00)	WolfS05 (6.63)	BeldiceanuP07 (6.63)	PoderB08 (6.71)

Table 98: Most Similar Works

Work	1	2	3	4	5
NattafAL17	NattafALR16 (0.53)	NattafAL15 (0.45)	ArtiguesL14 (0.44)	NattafHKAL19 (0.36)	LetortCB15 (0.29)
	Caseau97 (6.48)	WolfS05 (6.56)	BeldiceanuP07 (6.71)	PoderB08 (6.93)	Vilim09a (7.07)
NattafALR16	NattafAL15 (1.43)	NattafHKAL19 (0.73)	NattafAL17 (0.53)	ArtiguesL14 (0.27)	CarlierSJP21 (0.25)
	NattafAL15 (2.24)	NattafHKAL19 (6.24)	BeldiceanuP07 (7.00)	WolfS05 (7.00)	PoderB08 (7.07)
NattafDYW19	MalapertN19 (0.49)	Ham18a (0.32)	Zeballos10 (0.16)	QuirogaZH05 (0.14)	CobanH10 (0.13)
	Ham18a (7.28)	ArbaouiY18 (7.94)	NattafM20 (8.43)	WatsonB08 (8.54)	HebrardHJMPV16 (8.60)
NattafHKAL19	NattafALR16 (0.73)	NattafAL15 (0.67)	NattafAL17 (0.36)	CarlierPSJ20 (0.36)	CarlierSJP21 (0.36)
	NattafAL15 (6.00)	NattafALR16 (6.24)	PoderB08 (6.71)	WolfS05 (6.93)	Vilim09a (7.00)
NattafM20	MalapertN19 (0.15)	NattafDYW19 (0.07)	LombardiM10a (0.07)	YunusogluY22 (0.03)	GrahamLLK79 (0.02)
	MalapertN19 (6.08)	BogaerdTW19 (8.25)	NattafDYW19 (8.43)	ArbaouiY18 (8.49)	Jans09 (8.72)
NeronABCDD06	ArkhipovBL19 (0.66)	DemasseYAM05 (0.59)	LiessM08 (0.42)	GuSW12 (0.32)	DorndorfHP99 (0.26)
NethercoteSBBDT07	OhrimenkoSC09 (0.15)	FeydyS09 (0.11)	RendIPHR12 (0.11)	SchuttFSW11 (0.06)	HeinzSB13 (0.06)
	Shaw98 (7.81)	HebrardTW05 (8.25)	Puget95 (8.25)	Hooker17 (8.60)	AngelsmarkJ00 (8.66)
NishikawaSTT18	NishikawaSTT19 (0.71)	NishikawaSTT18a (0.70)	GilesH16 (0.20)	ArtiguesLH13 (0.13)	Davenport10 (0.13)
	NishikawaSTT18a (2.00)	NishikawaSTT19 (3.61)	ZouZ20 (5.92)	LipovetzkyBPS14 (5.92)	BoothNB16 (6.00)
NishikawaSTT18a	NishikawaSTT18 (0.70)	NishikawaSTT19 (0.55)	GeibingerKKMMW21 (0.13)	SerraNM12 (0.12)	BridiBLMB16 (0.11)
	NishikawaSTT18 (2.00)	NishikawaSTT19 (3.87)	BoothNB16 (5.83)	ValleMGT03 (5.92)	VanczaM01 (6.08)
NishikawaSTT19	NishikawaSTT18 (0.71)	NishikawaSTT18a (0.55)	HeinzKB13 (0.17)	ArtiguesLH13 (0.11)	BridiBLMB16 (0.10)
	NishikawaSTT18 (3.61)	NishikawaSTT18a (3.87)	BoothNB16 (5.74)	Bonfietti16 (6.32)	ZouZ20 (6.48)
NouriMHD23	Fatemi-AnarakiTFV23 (0.34)	AbreuPNF23 (0.09)	MengLZB21 (0.07)	LunardiBLRV20 (0.06)	NaderiRR23 (0.06)
NovaraNH16	ZeballosNH11 (0.74)	ZeballosCM10 (0.31)	HarjunkoskiMBC14 (0.19)	NovasH14 (0.18)	ZeballosQH10 (0.14)
	Hooker05a (8.94)	Hooker06 (9.22)	NovasH10 (9.22)	Hooker07 (9.27)	HentenryckM04 (9.49)
Novas19	LunardiBLRV20 (0.19)	ZhangW18 (0.17)	EscobetPQPRA19 (0.13)	HamC16 (0.12)	MengZRZL20 (0.10)
	KhayatLR06 (9.17)	GrimesH10 (9.64)	MengZRZL20 (9.64)	OujanaAYB22 (9.70)	Ham18a (9.80)
NovasH10	NovasH12 (0.22)	ZeballosCM10 (0.21)	ZeballosNH11 (0.18)	RoePS05 (0.16)	HarjunkoskiMBC14 (0.15)
	QuirogaZH05 (7.87)	ZeballosH05 (8.06)	BartakV15 (8.12)	BeckPS03 (8.37)	FoxS90 (8.54)
NovasH12	ZeballosCM10 (0.43)	NovasH10 (0.22)	OzturkTHO12 (0.18)	ZeballosNH11 (0.14)	ZeballosQH10 (0.12)
	NovasH14 (6.32)	ZeballosH05 (6.78)	LouieVNB14 (7.94)	OzturkTHO10 (8.06)	ValleMGT03 (8.25)
NovasH14	ZeballosQH10 (0.58)	Zeballos10 (0.57)	KhayatLR06 (0.18)	ZarandiKS16 (0.18)	NovaraNH16 (0.18)
	ZeballosH05 (5.66)	NovasH12 (6.32)	ValleMGT03 (6.78)	KhayatLR06 (6.78)	LouieVNB14 (7.00)
NuijtenA94	NuijtenA96 (1.73)	NuijtenP98 (5.83)	DilkinaDH05 (6.56)	AdamsBZ88 (7.07)	ArtiguesBF04 (7.21)
	Rodriguez07 (0.33)	Laborie03 (0.30)	DincbasSH90 (0.28)	CarlierP94 (0.26)	BrailsfordPS99 (0.26)
NuijtenA96	NuijtenA94 (1.73)	NuijtenP98 (5.92)	DilkinaDH05 (6.48)	SourdN00 (6.93)	AdamsBZ88 (7.00)
	CarlierP90 (0.17)	NuijtenA96 (0.15)	SourdN00 (0.12)	KamarainenS02 (0.12)	CarlierP94 (0.11)
NuijtenP98	NuijtenA94 (5.83)	NuijtenA96 (5.92)	SourdN00 (6.56)	MenciaSV13 (6.93)	MenciaSV12 (7.28)
	VerfaillieL01 (0.38)	YuraszeckMC23 (0.19)	BlazewiczLK83 (0.17)	CarlierP94 (0.13)	WikarekS19 (0.12)
OddiPCC03	AstrandJZ18 (6.56)	MalikMB08 (6.71)	ZibranR11a (6.78)	TranWDRFOVB16 (6.78)	ErtlK91 (6.78)
OhrimenkoSC09	FeydyS09 (0.62)	SchuttFSW11 (0.39)	SchuttFSW13 (0.31)	SchuttCSW12 (0.26)	SchuttFSW09 (0.19)
	FeydyS09 (7.42)	Vilim03 (8.00)	LiuJ06 (8.06)	MoffittPP05 (8.06)	BandaSC11 (8.06)
OrnekO16					
	OzturkTHO12 (7.35)	ArtiguesBF04 (7.68)	CauwelaertDMS16 (7.81)	KhayatLR06 (7.81)	BartuschMR88 (7.94)
OrnekOS20					
	BofillGSV15 (7.87)	ZibranR11a (8.00)	abs-1902-01193 (8.25)	LiuJ06 (8.31)	ShaikhK23 (8.31)
OuelletQ13	KameugneFSN14 (0.92)	LetortBC12 (0.85)	GayHS15 (0.80)	OuelletQ18 (0.80)	KameugneF13 (0.78)
	GingrasQ16 (5.39)	KameugneFND23 (5.48)	FetgoD22 (5.83)	OuelletQ18 (6.16)	KameugneFSN11 (6.40)
OuelletQ18	Tesch18 (1.23)	KameugneFSN14 (0.87)	OuelletQ13 (0.80)	KameugneF13 (0.80)	Tesch16 (0.73)
	GayHS15a (5.74)	OuelletQ13 (6.16)	Vilim11 (6.24)	GingrasQ16 (6.86)	CauwelaertLS15 (6.86)
OuelletQ22	OuelletQ18 (0.37)	OuelletQ13 (0.33)	SchuttFSW15 (0.32)	GayHS15a (0.29)	FetgoD22 (0.29)
	OuelletQ18 (7.14)	Vilim11 (7.35)	OuelletQ13 (7.55)	Vilim09a (7.75)	GayHS15a (7.87)
OujanaAYB22	MengLZB21 (0.20)	MengGRZSC22 (0.17)	MengZRZL20 (0.17)	YunusogluY22 (0.13)	YuraszeckMPV22 (0.12)
	LiFJZLL22 (9.27)	ZhouGL15 (9.38)	ParkUJR19 (9.54)	BeckPS03 (9.54)	Teppan22 (9.59)
OzturkTHO10	OzturkTHO13 (0.13)	OzturkTHO12 (0.10)	ValleMGT03 (0.09)	TerekhovDOB12 (0.09)	NovasH12 (0.06)
	OzturkTHO12 (6.93)	KhayatLR06 (7.00)	BridiLBBM16 (7.14)	FortinZDF05 (7.35)	FocacciLM99 (7.35)

Table 98: Most Similar Works

Work	1	2	3	4	5
OzturkTHO12	ZhangLS12 (0.33)	Geske05 (0.29)	QuirogaZH05 (0.29)	EvenSH15 (0.25)	KovacsV04 (0.25)
	OzturkTHO15 (4.80)	Vilim05 (6.71)	BartuschMR88 (6.71)	OzturkTHO10 (6.93)	CauwelaertDMS16 (7.00)
OzturkTHO13	OzturkTHO15 (0.58)	ValleMGT03 (0.21)	BukchinR18 (0.14)	OzturkTHO10 (0.13)	BockmayrP06 (0.12)
	OzturkTHO15 (6.78)	OzturkTHO10 (7.42)	OzturkTHO12 (7.42)	OrnekO16 (8.66)	KhayatLR06 (8.72)
OzturkTHO15	OzturkTHO13 (0.58)	ValleMGT03 (0.24)	BukchinR18 (0.15)	BonfiettiLBM14 (0.13)	HamC16 (0.12)
	OzturkTHO12 (4.80)	OzturkTHO13 (6.78)	BartuschMR88 (7.21)	OzturkTHO10 (7.81)	LombardiBMB11 (7.87)
PandeyS21a	ArbaouiY18 (0.17)	EdisO11 (0.17)	EdisO11a (0.12)	YunusogluY22 (0.11)	JainG01 (0.11)
	HeipckeCCS00 (8.89)	TranPZLDB18 (8.89)	NishikawaSTT19 (8.94)	JainG01 (9.00)	KhayatLR06 (9.06)
PapaB98	Polo-MejiaALB20 (0.18)	ArtiouchineB05 (0.12)	NaderiR22 (0.11)	PoderBS04 (0.10)	ElkhyariGJ02a (0.09)
	BaptisteP00 (8.89)	BaptisteP97 (9.00)	MenciaSV13 (9.38)	GokgurHO18 (9.43)	BaptistePN99 (9.49)
Pape94	NuijtenA96 (0.17)	Laborie03 (0.13)	BeckF00 (0.11)	CarlierP90 (0.11)	AggounB93 (0.11)
	BrusoniCLMMT96 (7.21)	Vilim05 (7.28)	Colombani96 (7.48)	HoeveGSL07 (7.48)	Bonfietti16 (7.55)
PapeB97					
ParkUJR19	CobanH10 (0.17)	Laborie18a (0.15)	ColT2019a (0.15)	HamdiL13 (0.14)	ColT19 (0.13)
	JuvinHL23 (6.63)	BillautHL12 (7.55)	Beck06 (7.55)	Taillard93 (8.00)	HebrardHJMPV16 (8.00)
PembertonG98	ZhangW18 (0.03)	BartakSR08 (0.03)	HerroelenRD98 (0.00)	MintonJPL92 (0.00)	JainM99 (0.00)
	AlesioNBG14 (6.71)	Caseau97 (7.00)	SimoninAHL12 (7.14)	Puget95 (7.62)	TranDRFVOVB16 (7.81)
PenzDN23	BajestaniB15 (0.09)	NattafDYW19 (0.07)	Sadykov04 (0.05)	Ham18a (0.04)	KovacsK11 (0.03)
	BogaerdTW19 (8.49)	BajestaniB15 (8.72)	WuBB09 (8.72)	NattafDYW19 (9.11)	ThiruvadyBME09 (9.17)
PerezGSL23					
PerronSF04	abs-2312-13682 (1.41)	MurphyMB15 (6.32)	JelinekB16 (6.40)	CarchraeBF05 (6.71)	LiuJ06 (6.71)
	DannaP03 (0.65)	CarchraeB09 (0.42)	SchausHMCMD11 (0.36)	Wolf03 (0.27)	PesantRR15 (0.27)
	DannaP03 (5.00)	HebrardTW05 (5.39)	AngelsmarkJ00 (6.00)	Hooker17 (6.08)	KovacsEKV05 (6.16)
PesantGPR99	Shaw98 (0.42)	MercierH07 (0.15)	DorndorfHP99 (0.11)	Puget95 (0.10)	FocacciLM99 (0.10)
PesantRR15	BofillEGPSV14 (0.50)	BofillGSV15 (0.38)	PerronSF04 (0.27)	DannaP03 (0.20)	BessiereHMQW14 (0.20)
	GelainPRVW17 (5.00)	CarchraeBF05 (5.57)	HebrardALLCMR22 (5.57)	Baptiste09 (5.66)	FrostD98 (5.74)
PeschT96	CarlierP90 (0.10)	DorndorfHP99 (0.10)	NuijtenA96 (0.09)	Dorndorf2000 (0.09)	KovacsEKV05 (0.08)
Petropoulos23					
PoderB08	Lemos21 (19.87)	GokPTGO23 (20.20)	GuoZ23 (20.47)	HarjunkoskiMBC14 (20.76)	abs-2402-00459 (20.78)
PoderBS04	BeldiceanuP07 (3.00)	WolfS05 (3.00)	PoderBS04 (4.24)	Vilim09a (4.90)	SimonisH11 (5.00)
	Simonis95 (0.36)	ElkhyariGJ02a (0.27)	BeldiceanuCDP11 (0.25)	BeldiceanuCP08 (0.24)	SimonisH11 (0.24)
	PoderB08 (4.24)	WolfS05 (5.39)	ChuGNSW13 (5.57)	BeldiceanuP07 (5.74)	SimonisH11 (5.92)
PohlAK22	NaderiBZ22a (0.29)	ZhangYW21 (0.20)	GrimesH15 (0.13)	MalapertCGJLR12 (0.07)	GilesH16 (0.05)
	Balduccini11 (8.72)	BogaerdTW19 (9.49)	MelgarejoLS15 (9.49)	KeriK07 (9.49)	KimCMLLP23 (9.59)
Polo-MejiaALB20	YoungFS17 (0.28)	BenderWS21 (0.22)	PapaB98 (0.18)	NaderiR22 (0.15)	GilesH16 (0.14)
	BaptisteP97 (8.66)	LiessM08 (8.66)	HanenKP21 (8.72)	BaptistePN99 (8.94)	ArkhipovBL19 (9.11)
PopovicCGNC22					
PourDERB18	FrostD98 (7.81)	JelinekB16 (8.06)	CohenHB17 (8.06)	BoothNB16 (8.12)	ZibranR11 (8.19)
	KreterSSZ18 (0.18)	Geske05 (0.17)	AggounV04 (0.16)	GedikKEK18 (0.14)	BukchinR18 (0.13)
	AronssonBK09 (7.35)	AngelsmarkJ00 (7.55)	Touraivane95 (7.55)	Acuna-AgostMFG09 (7.62)	BarlattCG08 (7.68)
PovedaAA23					
Pralet17	YoungFS17 (7.48)	SzerediS16 (8.83)	KreterSS15 (9.11)	SchnelH15 (9.33)	abs-1009-0347 (9.38)
	DorndorfHP99 (0.20)	CauwelaertDS20 (0.20)	DejemeppeCS15 (0.20)	CauwelaertDMS16 (0.19)	GrimesH10 (0.16)
	GodardLN05 (7.14)	HentenryckM04 (7.35)	DemasseYAM05 (7.35)	VilimLS15 (7.87)	SialaAH15 (8.12)
PraletLJ15	CestaOPS14 (0.24)	LetortCB13 (0.22)	GaySS14 (0.21)	Davenport10 (0.20)	LetortCB15 (0.18)
	NishikawaSTT18 (7.14)	NishikawaSTT18a (7.14)	BrusoniCLMMT96 (7.28)	FrankDT16 (7.28)	TranWDRFOVB16 (7.55)
PrataAN23					
PritskerWW69	AbreuPNF23 (10.95)	AbreuAPNM21 (11.18)	AlfieriGPS23 (11.31)	OujanaAYB22 (11.36)	TerekhovDOB12 (11.58)
	BlazewiczLK83 (0.17)	KolischS97 (0.15)	HartmannB10 (0.14)	BruckerDMNP99 (0.14)	BartuschMR88 (0.12)
Puget95	HebrardTW05 (0.40)	MercierH07 (0.40)	VilimBC04 (0.33)	Colombani96 (0.29)	VilimBC05 (0.29)
	AngelsmarkJ00 (3.87)	KovacsEKV05 (4.36)	CestaOS98 (4.36)	Caseau97 (4.36)	LauLN08 (4.36)

Table 98: Most Similar Works

Work	1	2	3	4	5
QinDCS20	SunTB19 (0.58)	UnsalO13 (0.46)	UnsalO19 (0.19)	GedikKEK18 (0.17)	GuoHLW20 (0.16)
	MurinR19 (9.38)	Ham18 (9.38)	Ham18a (9.43)	OzturkTHO10 (9.70)	KhayatLR06 (9.95)
QinDS16	UnsalO19 (0.28)	ZampelliVSDR13 (0.18)	CappartS17 (0.16)	CobanH11 (0.14)	Laborie18a (0.14)
QinWSLS21	FanXG21 (0.14)	Ham18a (0.10)	TanZWGQ19 (0.08)	NattafDYW19 (0.08)	LacknerMMWW23 (0.06)
	BillautHL12 (7.94)	HamC16 (8.00)	JuvinHL23 (8.12)	Beck06 (8.19)	LorigeonBB02 (8.25)
QuSN06	WolinskiKG04 (0.14)	KoschB14 (0.09)	KuchcinskiW03 (0.09)	NishikawaSTT19 (0.08)	LombardiM10a (0.07)
	AngelsmarkJ00 (4.00)	CestaOS98 (4.47)	KovacsEKV05 (4.69)	Caballero23 (4.80)	CarchraeBF05 (4.90)
QuirogaZH05	ZhangLS12 (0.67)	Geske05 (0.50)	Zeballos10 (0.48)	LimtanyakulS12 (0.42)	EvenSH15 (0.40)
	ZeballosQH10 (5.92)	ZeballosH05 (5.92)	LouieVNB14 (7.07)	BeckPS03 (7.21)	AstrandJZ18 (7.28)
RabbaniMM21	MokhtarzadehTNF20 (0.15)	RoshanaeiN21 (0.11)	SacramentoSP20 (0.10)	DejemeppeD14 (0.08)	NaderiBZ22 (0.07)
RahmanianiCGR17	GomesM17 (0.23)	Hooker07 (0.21)	CobanH11 (0.15)	ZarandiB12 (0.14)	CireCH16 (0.14)
	BlomBPS14 (9.11)	BenoistGR02 (9.33)	BlomPS16 (9.38)	OrnekOS20 (9.38)	ZibranR11a (10.00)
ReddyFIBKAJ11	JelinekB16 (0.15)	SimoninAHL15 (0.15)	Rodriguez07 (0.14)	SimoninAHL12 (0.13)	LouieVNB14 (0.12)
Refalo00	FocacciLM99 (0.36)	YunesAH10 (0.30)	AronHY2004 (0.29)	MilanoORT02 (0.27)	Thorsteinsson01 (0.25)
	Benders62 (4.80)	LiuJ06 (5.48)	KorbaaYG00 (5.57)	LopezAKYG00 (5.57)	BaptisteLV92 (5.57)
RenT09	Thorsteinsson01 (0.25)	RoePS05 (0.22)	HarjunkoskiG02 (0.19)	GongLMW09 (0.16)	ZeballosNH11 (0.15)
RendlPHPR12	ArmstrongGOS21 (0.13)	NethercoteSBBDT07 (0.11)	TangB20 (0.10)	FrohnerTR19 (0.10)	HechingH16 (0.08)
	HoYCLLC18 (7.55)	LimRX04 (8.06)	BarzegaranZP20 (8.43)	KletzanderM17 (8.54)	ZibranR11 (8.60)
RiahiNS018	JuvinHL23 (9.00)	LiFJZLL22 (9.06)	WatsonB08 (9.38)	LimRX04 (9.75)	Shaw98 (9.80)
RiiseML16	RoshanaeiLAU17 (0.61)	RoshanaeiLAU17a (0.50)	RoshanaeiBAUB20 (0.49)	ZarandiB12 (0.37)	RoshanaeiN21 (0.37)
RodosekW98	BaptisteLV92 (0.44)	BosiM2001 (0.18)	EreminW01 (0.17)	DarbyDowmanL98 (0.17)	EdisO11 (0.15)
	LiuJ06 (8.60)	DincbasSH90 (8.60)	AstrandJZ18 (8.94)	BonfiettiLBM11 (9.00)	Puget95 (9.00)
RodosekWH99	BockmayrK98 (0.39)	HookerO99 (0.26)	Darby-DowmanLMZ97 (0.22)	AronHY2004 (0.20)	SmithBHW96 (0.18)
Rodriguez07	Colombani96 (0.36)	NuijtenA96 (0.33)	Zhou96 (0.31)	Puget95 (0.25)	BeckF00 (0.24)
	Rodriguez07b (5.29)	RodriguezS09 (5.74)	RodriguezDG02 (6.16)	BrusoniCLMMT96 (6.48)	Puget95 (7.21)
Rodriguez07b	RodriguezS09 (3.00)	Rodriguez07 (5.29)	RodriguezDG02 (6.00)	BrusoniCLMMT96 (6.63)	CappartS17 (7.00)
RodriguezDG02	Acuna-AgostMFG09 (5.66)	AbrilSB05 (5.92)	ZibranR11 (5.92)	ChapadosJR11 (6.00)	ZibranR11a (6.00)
RodriguezS09	Rodriguez07b (3.00)	Rodriguez07 (5.74)	RodriguezDG02 (6.40)	BrusoniCLMMT96 (6.56)	CappartS17 (7.21)
RoePS05	MaraveliasCG04 (0.64)	HarjunkoskiG02 (0.50)	BockmayrP06 (0.32)	JainG01 (0.26)	MaraveliasG04 (0.23)
RoshanaeiBAUB20	RoshanaeiN21 (0.91)	RoshanaeiLAU17a (0.68)	NaderiRBAU21 (0.67)	RoshanaeiLAU17 (0.62)	RiiseML16 (0.49)
	DoulabiRP16 (8.60)	RoshanaeiLAU17 (8.72)	GurEA19 (9.00)	ForbesHJST24 (9.17)	GurPAE23 (9.38)
RoshanaeiLAU17	RoshanaeiLAU17a (0.88)	RoshanaeiBAUB20 (0.62)	RiiseML16 (0.61)	DoulabiRP16 (0.60)	ZarandiB12 (0.50)
	DoulabiRP16 (8.00)	RoshanaeiBAUB20 (8.72)	ElciOH22 (9.00)	ForbesHJST24 (9.06)	GurEA19 (9.11)
RoshanaeiLAU17a	RoshanaeiLAU17 (0.88)	RoshanaeiBAUB20 (0.68)	DoulabiRP16 (0.59)	RiiseML16 (0.50)	RoshanaeiN21 (0.45)
RoshanaeiN21	RoshanaeiBAUB20 (0.91)	NaderiRBAU21 (0.71)	RoshanaeiLAU17 (0.47)	RoshanaeiLAU17a (0.45)	MartnezAJ22 (0.40)
RossiTHP07	HoundjiSWD14 (0.12)	DejemeppeD14 (0.12)	KhemmoudjPB06 (0.11)	SerraNM12 (0.11)	NishikawaSTT18a (0.11)
	AbrilSB05 (6.78)	LiuJ06 (6.78)	Benders62 (6.86)	SunLYL10 (7.00)	HebrardALLCMR22 (7.07)
RuggieroBBMA09	BeniniBGM06 (0.32)	Hooker05 (0.26)	ChuX05 (0.25)	BeniniBGM05 (0.25)	CambazardJ05 (0.23)
	BeniniBGM06 (6.32)	BeniniBGM05 (6.71)	BeniniLMR08 (7.68)	LozanoCDS12 (8.12)	BeniniLMR11 (8.31)
SacramentoSP20	MengLZB21 (0.34)	AbreuAPNM21 (0.33)	LunardiBLRV20 (0.16)	Laborie18a (0.14)	Zhou97 (0.13)
	MalapertCGJLR13 (10.77)	HubnerGSV21 (11.22)	AfsarVPG23 (11.36)	CzerniachowskaWZ23 (11.40)	ZhangYW21 (11.45)
SadehF96	DechterMP91 (0.32)	BeckF00 (0.25)	MintonJPL92 (0.23)	BartakSR10 (0.21)	Wallace96 (0.15)

Table 98: Most Similar Works

Work	1	2	3	4	5
Sadykov04	SadykovW06 (0.69)	HamdiL13 (0.42)	ChuX05 (0.37)	Beck10 (0.36)	CireCH13 (0.35)
	SadykovW06 (4.80)	Limtanyakul07 (5.66)	MakMS10 (6.32)	BenediktSMVH18 (6.40)	HebrardTW05 (6.48)
SadykovW06	Sadykov04 (0.69)	BockmayrP06 (0.36)	Hooker05 (0.34)	ChuX05 (0.28)	Beck10 (0.27)
	Sadykov04 (4.80)	BenediktSMVH18 (6.78)	CatusseCBL16 (7.07)	Limtanyakul07 (7.42)	CarlierP89 (7.48)
SakkoutW00	FocacciLM99 (0.13)	KamarainenS02 (0.10)	EreminW01 (0.08)	JussienL02 (0.07)	ElkhyariGJ02a (0.07)
	KamarainenS02 (7.81)	Shaw98 (7.87)	Puget95 (7.94)	Beck07 (7.94)	HeipckeCCS00 (8.19)
SchausD08	BandaSC11 (7.21)	Benders62 (7.28)	GomesHS06 (7.42)	ChapadosJR11 (7.55)	KorbaaYG00 (7.55)
SchausHMCMD11	HentenryckM08 (0.72)	GarganiR07 (0.66)	HeinzSSW12 (0.62)	PerronSF04 (0.36)	GaySS14 (0.35)
	HeinzSSW12 (6.63)	HentenryckM08 (6.71)	GarganiR07 (7.07)	BandaSC11 (8.54)	Benders62 (8.60)
SchildW00	HladikCDJ08 (0.10)	BenoistGR02 (0.06)	CambazardHDJT04 (0.04)	Thorsteinsson01 (0.02)	JainG01 (0.01)
	BartuschMR88 (8.25)	BocewiczBB09 (8.31)	HeipckeCCS00 (8.54)	Goltz95 (8.54)	FontaineMH16 (8.72)
SchnellH15	SchnellH17 (0.78)	SzerediS16 (0.42)	SchuttFSW13 (0.41)	KreterSSZ18 (0.40)	KreterSS15 (0.35)
	BofillCSV17 (5.74)	KolischS97 (6.71)	SchuttCSW12 (7.48)	SzerediS16 (7.55)	abs-1009-0347 (7.55)
SchnellH17	SchnellH15 (0.78)	KreterSSZ18 (0.37)	KreterSS17 (0.30)	SzerediS16 (0.29)	SchuttS16 (0.23)
Schutt11	SchuttFSW11 (10.10)	FahimiOQ18 (11.58)	SchuttFS13a (11.58)	Caballero19 (12.12)	DemasseyAM05 (12.17)
SchuttCSW12	GuSW12 (0.83)	GuSS13 (0.69)	KreterSS15 (0.59)	GuSSWC14 (0.55)	SchuttFSW11 (0.45)
	GuSW12 (4.69)	BofillCSV17 (5.92)	SchuttS16 (6.08)	GuSS13 (6.24)	LombardiM13 (6.48)
SchuttFS13	KreterSS15 (0.63)	SzerediS16 (0.56)	SchuttFS13a (0.47)	SchuttCSW12 (0.36)	SialaAH15 (0.36)
	SialaAH15 (6.93)	HentenryckM04 (7.35)	HeipckeCCS00 (7.68)	KovacsV04 (7.68)	KovacsV06 (7.68)
SchuttFS13a	SchuttFSW15 (0.65)	SchuttFSW11 (0.65)	OuelletQ13 (0.61)	Vilim11 (0.60)	SchuttW10 (0.60)
	SchuttFSW11 (6.78)	Vilim11 (7.07)	abs-1009-0347 (7.35)	SchuttFSW09 (7.42)	OuelletQ18 (7.55)
SchuttFSW09	SchuttFSW11 (0.74)	PeydyS09 (0.32)	HeinzS11 (0.28)	SchuttFS13a (0.25)	SchuttCSW12 (0.24)
	abs-1009-0347 (6.08)	SchuttFSW13 (6.56)	SchuttFSW11 (6.71)	HeipckeCCS00 (6.93)	SchuttCSW12 (6.93)
SchuttFSW11	SchuttFSW09 (0.74)	SchuttFS13a (0.65)	SchuttFSW13 (0.58)	SchuttW10 (0.49)	SchuttCSW12 (0.45)
	SchuttFSW09 (6.71)	SchuttFS13a (6.78)	abs-1009-0347 (7.87)	LiessM08 (8.54)	SchuttFSW13 (8.94)
SchuttFSW13	SchuttFSW15 (0.71)	SchuttFSW11 (0.58)	SchuttFS13a (0.46)	KreterSS15 (0.45)	SchuttCSW12 (0.44)
	abs-1009-0347 (4.69)	SchuttFSW09 (6.56)	BofillCSV17 (7.35)	SchuttS16 (7.48)	LiessM08 (7.55)
SchuttFSW15	SchuttFSW13 (0.71)	SchuttFS13a (0.65)	KreterSS15 (0.47)	GuSSWC14 (0.41)	KreterSS17 (0.40)
SchuttS16	BeldiceanuP07 (0.42)	KovacsV06 (0.40)	CauwelaertDS20 (0.40)	SzerediS16 (0.38)	KreterSS17 (0.34)
	SchuttCSW12 (6.08)	BofillCSV17 (6.16)	YoungFS17 (6.48)	PoderBS04 (6.78)	abs-1009-0347 (6.93)
SchuttW10	Vilim09 (0.86)	OuelletQ13 (0.76)	KameugneF13 (0.75)	Vilim11 (0.74)	KameugneFSN11 (0.73)
	SchuttWS05 (6.32)	KameugneFSN11 (6.48)	KameugneFSN14 (7.21)	KameugneFGOQ18 (7.35)	OuelletQ18 (7.42)
SchuttWS05	WolfS05 (1.10)	SchuttW10 (0.65)	MercierH08 (0.49)	KameugneFGOQ18 (0.41)	Tesch16 (0.40)
	BeldiceanuP07 (5.92)	PoderB08 (6.16)	MercierH08 (6.16)	SchuttW10 (6.32)	Hooker05a (6.48)
SerraNM12	DavenportKRSH07 (0.20)	WatsonB08 (0.16)	SimoninAHL15 (0.15)	BeldiceanuP07 (0.13)	BeckFW11 (0.13)
	KhemmoudjPB06 (7.48)	ZibranR11a (7.55)	GilesH16 (7.62)	PoderB08 (7.62)	ZibranR11 (8.00)
ShaikhK23	Shaw98 (5.83)	Puget95 (6.08)	LiuLH19 (6.08)	LauLN08 (6.32)	AngelsmarkJ00 (6.48)
Shaw98	PesantGPR99 (0.42)	DannaP03 (0.17)	PerronSF04 (0.16)	Colombani96 (0.13)	Taillard93 (0.12)
	LauLN08 (4.90)	HebrardTW05 (5.00)	Puget95 (5.00)	WatsonB08 (5.29)	AngelsmarkJ00 (5.66)
ShiYXQ22	ZhuSZW23 (0.54)	ZhangYW21 (0.33)	NaderiBZ22a (0.29)	ColT19 (0.19)	LunardiBLRV20 (0.10)
ShinBBHO18	BourdaisGP03 (0.06)	FrohnerTR19 (0.05)	HoYCLLC18 (0.04)	AntunesABD20 (0.04)	Tom19 (0.04)
	HoYCLLC18 (6.24)	BourdaisGP03 (7.14)	LuoVLBM16 (7.62)	abs-1902-01193 (7.81)	FrimodigS19 (8.00)
Siala15	OhrimenkoSC09 (0.02)	Lauriere78 (0.01)	Shaw98 (0.00)	Achterberg09 (0.00)	
	Siala15a (5.10)	Bit-Monnot23 (13.19)	GrimesHM09 (13.42)	SialaAH15 (13.49)	FocacciLN00 (13.56)
Siala15a	Siala15 (5.10)	Bit-Monnot23 (13.64)	SialaAH15 (13.71)	GrimesHM09 (14.35)	FocacciLN00 (14.49)
SialaAH15	KreterSS15 (0.42)	SchuttFS13 (0.36)	SzerediS16 (0.35)	SchuttCSW12 (0.30)	GrimesHM09 (0.24)
	KovacsV04 (6.24)	FontaineMH16 (6.48)	HeipckeCCS00 (6.56)	TorresL00 (6.71)	KovacsV06 (6.71)
SimoninAHL12	SimoninAHL15 (0.77)	BeldiceanuC02 (0.35)	Simonis07 (0.31)	WolfS05a (0.29)	LetortCB15 (0.27)
	SimoninAHL15 (4.58)	PoderB08 (5.48)	WolfS05 (5.92)	Bonfietti16 (6.00)	BeldiceanuP07 (6.08)

Table 98: Most Similar Works

Work	1	2	3	4	5
SimoninAHL15	SimoninAHL12 (0.77)	DavenportKRSH07 (0.29)	Simonis95 (0.25)	Geske05 (0.25)	AggounV04 (0.22)
	SimoninAHL12 (4.58)	BeldiceanuP07 (5.48)	PoderB08 (5.74)	WolfS05 (5.83)	LozanoCDS12 (6.24)
Simonis07	SimoninAHL12 (0.31)	Simonis99 (0.29)	BosiM2001 (0.28)	SimonisCK00 (0.27)	SimonisC95 (0.23)
	SimonisCK00 (9.54)	HarjunkoskiG02 (9.95)	Simonis99 (10.15)	Simonis95a (10.20)	Goltz95 (10.20)
Simonis95	Simonis95a (0.65)	AggounV04 (0.57)	SimonisCK00 (0.50)	SimonisC95 (0.36)	BeldiceanuCDP11 (0.36)
	DincbasS91 (5.00)	QuSN06 (5.66)	Simonis95a (5.74)	CestaOS98 (5.83)	SimonisCK00 (5.83)
Simonis95a	Simonis99 (0.73)	Simonis95 (0.65)	SimonisC95 (0.50)	Goltz95 (0.42)	AggounV04 (0.25)
	Simonis95 (5.74)	Simonis99 (5.92)	PoderBS04 (6.71)	SimonisCK00 (6.71)	SimonisC95 (6.86)
Simonis99	Simonis95a (0.73)	SimonisCK00 (0.39)	SimonisC95 (0.38)	Goltz95 (0.32)	MilanoORT02 (0.31)
	Simonis95a (5.92)	SimonisCK00 (7.48)	Simonis95 (8.12)	SimonisC95 (8.12)	JaffarM94 (8.54)
SimonisC95	Simonis95a (0.50)	SimonisCK00 (0.45)	Simonis99 (0.38)	Simonis95 (0.36)	AggounV04 (0.33)
	Simonis95a (6.86)	Goltz95 (7.14)	PoderBS04 (7.21)	SimonisCK00 (7.62)	Simonis95 (7.62)
SimonisCK00	Simonis95 (0.50)	Geske05 (0.50)	SimonisC95 (0.45)	AggounV04 (0.44)	Simonis99 (0.39)
	Simonis95 (5.83)	Simonis95a (6.71)	PoderB08 (6.93)	PoderBS04 (6.93)	GruianK98 (7.00)
SimonisH11	OuelletQ13 (0.52)	HoundjiSWD14 (0.50)	Vilim09 (0.46)	LetortCB15 (0.35)	KameugneFSN11 (0.33)
	WolfS05 (4.90)	PoderB08 (5.00)	BeldiceanuP07 (5.10)	Caseau97 (5.57)	PoderBS04 (5.92)
SmithBHW96	Darby-DowmanLMZ97 (0.63)	DarbyDowmanL98 (0.36)	NuijtenA96 (0.22)	RodosekWH99 (0.18)	DincbasSH90 (0.18)
SourdN00	TorresL00 (0.55)	DorndorfHP99 (0.47)	CarlierP94 (0.40)	MonetteDD07 (0.38)	DorndorfPH99 (0.38)
	NuijtenP98 (6.56)	MenciaSV13 (6.71)	NuijtenA96 (6.93)	NuijtenA94 (7.42)	MenciaSV12 (7.48)
SquillaciPR23	BartoliniBBLM14 (0.09)	ParkUJR19 (0.09)	GilesH16 (0.08)	ZhangYW21 (0.07)	Laborie18a (0.07)
	KucukY19 (6.78)	VerfaillieL01 (7.68)	BensanaLV99 (8.00)	FrankDT16 (8.25)	ZibranR11 (8.31)
SubulanC22	YuraszeckMPV22 (0.18)	HauderBRPA20 (0.17)	ArkhipovBL19 (0.14)	SchnellH17 (0.12)	ZouZ20 (0.09)
	HubnerGSV21 (9.38)	LombardiM09 (10.05)	CampeauG22 (10.58)	ZouZ20 (10.72)	QuirogaZH05 (10.77)
SunLYL10	CambazardHDDJT04 (0.19)	HladikCDJ08 (0.11)	AlesioNBG14 (0.07)	LiuW11 (0.05)	AlesioBNG15 (0.03)
	GomesHS06 (4.69)	LiuJ06 (4.80)	AngelsmarkJ00 (5.00)	CarchraeBF05 (5.20)	BarlattCG08 (5.20)
SunTB19	QinDCS20 (0.58)	UnsalO13 (0.50)	CireCH16 (0.29)	CobanH11 (0.28)	UnsalO19 (0.26)
SureshMOK06					
	GomesHS06 (6.56)	AngelsmarkJ00 (6.78)	AkramNHRSA23 (6.86)	HebrardTW05 (7.00)	CarchraeBF05 (7.07)
SvancaraB22					
	FortinZDF05 (6.48)	RodriguezDG02 (6.63)	GarridoOS08 (6.86)	ChapadosJR11 (6.93)	AbrilSB05 (7.00)
SzerediS16	YoungFS17 (0.86)	KreterSS15 (0.64)	SchuttFS13 (0.56)	SchnellH15 (0.42)	GeibingerMM19 (0.40)
	YoungFS17 (5.48)	BofillCSV17 (6.48)	AmadiniGM16 (7.00)	SchuttS16 (7.07)	KreterSS15 (7.14)
Taillard93	Colombani96 (0.36)	Zhou96 (0.31)	Goltz95 (0.31)	Wolf03 (0.31)	BeckF00 (0.25)
	WatsonB08 (6.40)	Beck06 (6.56)	BillautHL12 (6.71)	LorigeoneBB02 (6.78)	Shaw98 (6.86)
TanSD10	MonetteDD07 (0.35)	DorndorfHP99 (0.32)	SourdN00 (0.32)	LiuGT10 (0.31)	BaptisteLPN06 (0.28)
TanT18	EmeretlisTAV17 (0.46)	CobanH11 (0.23)	MartnezAJ22 (0.23)	CireCH16 (0.22)	NaderiRBAU21 (0.21)
	BillautHL12 (8.37)	Mehdizadeh-Somarin23 (8.37)	GuyonLPR12 (8.43)	ArtiguesBF04 (8.49)	TranB12 (8.60)
TanZWGQ19	CobanH10 (0.12)	HamdiL13 (0.12)	ChuX05 (0.11)	GongLMW09 (0.11)	Zeballos10 (0.11)
TangB20	KoschB14 (0.33)	ArmstrongGOS21 (0.29)	CappartS17 (0.25)	HamFC17 (0.25)	LacknerMMWW23 (0.18)
	Beck10 (8.83)	FoxAS82 (8.94)	HookerO03 (9.27)	CireCH13 (9.43)	BajestaniB11 (9.43)
TangLWSK18	ZouZ20 (0.40)	LiuW11 (0.14)	QuirogaZH05 (0.10)	KovacsV04 (0.10)	GedikKBR17 (0.09)
	ZibranR11a (7.68)	ZouZ20 (8.00)	Tom19 (8.19)	MouraSCL08 (8.25)	ZibranR11 (8.25)
TardivoDFMP23	OuelletQ18 (0.48)	OuelletQ13 (0.45)	Tesch18 (0.43)	GayHS15a (0.43)	Tesch16 (0.41)
	GayHS15a (7.62)	Vilim11 (7.75)	OuelletQ18 (7.81)	KameugneFSN14 (8.72)	KameugneFSN11 (8.83)
TasselGS23					
	abs-2306-05747 (0.00)	BeckFW11 (7.62)	CarchraeB09 (7.62)	WatsonB08 (7.68)	abs-2102-08778 (8.06)
Tay92					
Teppan22					
	abs-2102-08778 (6.63)	Shaw98 (7.07)	LauLN08 (7.75)	WatsonB08 (7.75)	Taillard93 (7.81)
TerekhovDOB12	CireCH13 (0.24)	HamdiL13 (0.23)	TrojetHL11 (0.20)	CobanH10 (0.15)	CobanH11 (0.14)
	BeckR03 (9.43)	KovacsB11 (9.49)	BeckPS03 (9.80)	KanetAG04 (9.85)	KovacsB07 (9.90)

Table 98: Most Similar Works

Work	1	2	3	4	5
TerekhovTDB14	NovasH12 (0.07)	WuBB09 (0.04)	BidotVLB09 (0.03)	Hooker05 (0.03)	HarjunkoskiMBC14 (0.01)
	ParkUJR19 (8.19)	TranTDB13 (8.77)	Mehdizadeh-Somarin23 (8.83)	ZhouGL15 (8.94)	TranPZLDB18 (9.00)
Tesch16	Tesch18 (0.91)	KameugneFGOQ18 (0.78)	OuelletQ13 (0.75)	OuelletQ18 (0.73)	KameugneF13 (0.62)
	HeinzS11 (6.24)	DerrienP14 (6.71)	BertholdHLMS10 (7.00)	Tesch18 (7.07)	WolfS05 (7.28)
Tesch18	OuelletQ18 (1.23)	Tesch16 (0.91)	OuelletQ13 (0.75)	KameugneF13 (0.71)	KameugneFGOQ18 (0.64)
	Tesch16 (7.07)	HanenKP21 (7.87)	KameugneFSN11 (8.25)	Limtanyakul07 (8.31)	HeinzS11 (8.66)
ThiruvadyBME09	ZhangLS12 (0.14)	QuirogaZH05 (0.13)	Geske05 (0.13)	EvenSH15 (0.13)	KovacsV04 (0.13)
	Limtanyakul07 (7.55)	Sadykov04 (7.81)	BenediktSMVH18 (7.87)	DilkinaDH05 (7.94)	HebrardTW05 (7.94)
ThiruvadyWGS14	GuSS13 (0.51)	GuSSWC14 (0.31)	GuSW12 (0.24)	SchuttCSW12 (0.16)	SchnellH15 (0.15)
	GuSW12 (7.21)	GuSS13 (7.55)	KovacsV04 (8.12)	KovacsV06 (8.37)	LombardiM13 (8.37)
ThomasKS20	CappartTSR18 (0.30)	MurinR19 (0.26)	LaborieRSV18 (0.16)	Laborie18a (0.15)	ColT2019a (0.15)
	CappartTSR18 (5.57)	ZibranR11 (7.48)	ZibranR11a (7.55)	HebrardALLCMR22 (7.62)	ChapadosJR11 (7.68)
Thorsteinsson01	Hooker04 (0.57)	JainG01 (0.52)	Hooker05b (0.48)	Hooker05 (0.45)	CambazardHDJTT04 (0.44)
	HookerO03 (4.80)	Hooker05a (6.16)	CireCH13 (6.16)	AronHY2004 (6.32)	HookerY02 (6.40)
Timpe02	Hooker06 (0.26)	MaraveliasG04 (0.25)	ChuX05 (0.22)	Hooker05a (0.19)	CambazardHDJTT04 (0.19)
	GilesH16 (7.21)	AstrandJZ18 (7.48)	Simonis95a (7.55)	LiuJ06 (7.75)	MurphyMB15 (7.81)
Tom19	HoYCLLC18 (0.06)	MusliuSS18 (0.05)	AntunesABD18 (0.04)	ShinBBHO18 (0.04)	SubulanC22 (0.04)
	AngelsmarkJ00 (5.39)	BarlattCG08 (5.57)	Puget95 (5.66)	CestaOS98 (5.92)	Caseau97 (5.92)
TopalogluO11	EdisO11a (0.15)	Geske05 (0.12)	BosiM2001 (0.11)	Simonis07 (0.10)	Simonis99 (0.10)
	BourdaisGP03 (7.75)	ChapadosJR11 (7.87)	LiuJ06 (7.94)	JelinekB16 (7.94)	DoulabiRP16 (8.00)
TorresL00	SourdN00 (0.55)	VilimBC05 (0.43)	Vilim04 (0.43)	CarlierP94 (0.38)	VilimBC04 (0.34)
	SialaAH15 (6.71)	Vilim05 (6.71)	KovacsV04 (6.93)	HeipckeCCS00 (7.07)	BelhadjiI98 (7.21)
TouatBT22	BeckPS03 (8.83)	QuirogaZH05 (9.17)	LaborieR14 (9.17)	NovasH14 (9.22)	MonetteDH09 (9.33)
Touraivane95	Puget95 (0.25)	BrailsfordPS99 (0.06)	Pape94 (0.02)	Lauriere78 (0.01)	AggounB93 (0.01)
	FalaschiGMP97 (3.00)	CarchraeBF05 (4.24)	JelinekB16 (4.24)	Baptiste09 (4.36)	AbrilSB05 (4.47)
TranAB16	HechingHK19 (0.51)	ZarandiB12 (0.44)	Hooker07 (0.40)	CireCH16 (0.38)	Beck10 (0.38)
	TranB12 (3.87)	GomesM17 (7.42)	GedikKEK18 (7.94)	TanT18 (9.43)	ArbaouiY18 (9.54)
TranB12	TranAB16 (3.87)	GomesM17 (7.48)	GedikKEK18 (8.00)	TanT18 (8.60)	ArbaouiY18 (8.72)
TranDRFWOVB16	Puget95 (5.57)	TranWDRFOVB16 (5.74)	AngelsmarkJ00 (5.83)	Caseau97 (5.83)	BridiLBBM16 (6.32)
TranPZLDB18	IfrimOS12 (0.04)	ZarandiASC20 (0.00)			
	BridiLBBM16 (6.56)	IfrimOS12 (7.07)	HoYCLLC18 (7.21)	FoxAS82 (7.35)	WuBB09 (7.42)
TranTDB13	WuBB09 (0.05)	BidotVLB09 (0.03)	Hooker05 (0.03)	GrahamLLK79 (0.00)	
	ParkUJR19 (8.25)	TranPZLDB18 (8.25)	KorbaaYG99 (8.43)	HebrardHJMPV16 (8.60)	TerekhovTDB14 (8.77)
TranVNB17	GilesH16 (0.14)	CappartS17 (0.14)	Hooker17 (0.11)	GayHS15 (0.09)	CireCH16 (0.07)
	BoothNB16 (4.69)	TranVNB17a (5.66)	LouieVNB14 (7.07)	PoderB08 (7.14)	MurphyMB15 (7.21)
TranVNB17a	BoothNB16 (4.69)	ChapadosJR11 (5.48)	LouieVNB14 (5.48)	TranVNB17 (5.66)	AngelsmarkJ00 (5.74)
TranWDRFOVB16	TranDRFWOVB16 (5.74)	LouieVNB14 (6.00)	FortinZDF05 (6.16)	AngelsmarkJ00 (6.24)	ValleMGT03 (6.24)
TrojetHL11	TerekhovDOB12 (0.20)	AmadiniGM16 (0.18)	BrailsfordPS99 (0.18)	Rodriguez07 (0.17)	BockmayrH05 (0.17)
	LombardiM10 (6.16)	Goltz95 (6.40)	PoderBS04 (6.48)	ChuGNSW13 (6.56)	KovacsV06 (6.71)
Tsang03	AronHY2004 (0.12)	LombardiM12 (0.05)	JainG01 (0.01)		
	Baptiste09 (2.65)	KovacsEKV05 (2.83)	CarchraeBF05 (3.16)	Caballero23 (3.32)	AngelsmarkJ00 (3.46)
UnsalO13	SunTB19 (0.50)	QinDCS20 (0.46)	UnsalO19 (0.18)	ZampelliVSDR13 (0.18)	LimRX04 (0.13)
UnsalO19	CireCH16 (0.30)	QinDS16 (0.28)	SunTB19 (0.26)	QinDCS20 (0.19)	UnsalO13 (0.18)
ValleMGT03	ZhangLS12 (0.25)	OzturkTHO15 (0.24)	QuirogaZH05 (0.22)	Geske05 (0.22)	HeinzKB13 (0.22)
	VanczaM01 (4.24)	abs-1901-07914 (5.57)	FoxAS82 (5.74)	NishikawaSTT18a (5.92)	Bartak02a (5.92)
VanczaM01	ValleMGT03 (4.24)	NishikawaSTT18a (6.08)	NishikawaSTT18 (6.24)	Bartak02a (6.24)	LozanoCDS12 (6.48)
	OddiPCC03 (0.38)	DannaP03 (0.22)	SchausHMCMD11 (0.18)	GarganiR07 (0.18)	PesantRR15 (0.15)
VerfaillieL01	KucukY19 (5.74)	BensanaLV99 (5.92)	ZibranR11 (6.00)	AngelsmarkJ00 (6.00)	HebrardTW05 (6.08)

Table 98: Most Similar Works

Work	1	2	3	4	5
Vilim02	Vilim04 (0.48)	CauwelaertDS20 (0.25)	Wolf03 (0.24)	SchuttS16 (0.22)	VilimBC04 (0.21)
	KovacsEKV05 (3.87)	CestaOS98 (4.12)	Baptiste09 (4.24)	Caballero23 (4.47)	Vilim03 (4.47)
Vilim03	KovacsV06 (0.67)	Vilim05 (0.22)	JussienL02 (0.12)	ElkhyariGJ02a (0.10)	MalapertCGJLR12 (0.09)
	Baptiste09 (2.83)	HebrardTW05 (2.83)	AbrilSB05 (3.32)	CarchraeBF05 (3.32)	AngelsmarkJ00 (3.32)
Vilim04	VilimBC04 (1.12)	VilimBC05 (0.74)	Vilim05 (0.54)	WolfS05a (0.48)	Vilim02 (0.48)
	VilimBC05 (5.00)	VilimBC04 (5.20)	Vilim09 (5.39)	CauwelaertDMS16 (5.48)	Vilim05 (5.48)
Vilim05	Wolf05 (0.69)	ArtiouchineB05 (0.67)	VilimBC04 (0.61)	Vilim04 (0.54)	VilimBC05 (0.46)
	VilimBC04 (5.39)	Vilim04 (5.48)	VilimBC05 (5.74)	CauwelaertDMS16 (6.00)	HentenryckM04 (6.16)
Vilim09	Vilim09a (0.96)	SchuttW10 (0.86)	KameugneFSN11 (0.84)	KameugneF13 (0.69)	MercierH08 (0.64)
	Vilim09a (4.36)	Vilim04 (5.39)	Kameugne15 (5.48)	VilimBC04 (5.66)	Vilim11 (6.24)
Vilim09a	Vilim09 (0.96)	KameugneF13 (0.71)	SchuttW10 (0.68)	KameugneFSN11 (0.56)	OuelletQ18 (0.51)
	Vilim09 (4.36)	WolfS05 (4.36)	PoderB08 (4.90)	Kameugne15 (5.57)	Vilim11 (5.66)
Vilim11	SchuttW10 (0.74)	OuelletQ13 (0.70)	KameugneF13 (0.69)	LetortBC12 (0.66)	Vilim09 (0.62)
	Vilim09a (5.66)	Vilim09 (6.24)	OuelletQ18 (6.24)	WolfS05 (6.40)	GayHS15a (6.48)
VilimBC04	Vilim04 (1.12)	VilimBC05 (0.67)	Vilim05 (0.61)	MercierH07 (0.44)	ArtiouchineB05 (0.39)
	VilimBC05 (3.16)	CauwelaertDMS16 (5.20)	Vilim04 (5.20)	Vilim05 (5.39)	Vilim09 (5.66)
VilimBC05	Vilim04 (0.74)	VilimBC04 (0.67)	Vilim05 (0.46)	WolfS05a (0.44)	TorresL00 (0.43)
	VilimBC04 (3.16)	Vilim04 (5.00)	CauwelaertDMS16 (5.39)	CauwelaertDS20 (5.39)	DejemeppeCS15 (5.57)
VilimLS15	GayHLS15 (0.45)	ColT19 (0.35)	OuelletQ13 (0.29)	ColT2019a (0.28)	LaborieRSV18 (0.26)
	LiessM08 (7.14)	HeipckeCCS00 (7.28)	DemasseYAM05 (7.35)	ArkhipovBL19 (7.55)	SialaAH15 (7.62)
VillaverdeP04					
VlkHT21	ParkUJR19 (0.08)	Laborie18a (0.06)	ColT2019a (0.06)	DejemeppeCS15 (0.06)	ColT19 (0.06)
	CireCH13 (8.66)	CireCH16 (8.77)	BoothNB16 (8.83)	Hooker05b (8.89)	LozanoCDS12 (8.89)
Wallace06	AjiliW04 (0.31)	KamarainenS02 (0.25)	MilanoW06 (0.25)	MilanoW09 (0.20)	Milano11 (0.19)
	EreminW01 (7.42)	Puget95 (8.54)	Shaw98 (8.60)	Caseau97 (8.72)	FallahiAC20 (8.72)
Wallace94					
Wallace96	DincbasSH90 (0.28)	JaffarM94 (0.18)	SadehF96 (0.15)	DechterMP91 (0.14)	NuijtenA96 (0.14)
	Simonis95 (8.00)	Simonis95a (8.06)	LammaMM97 (8.25)	JaffarM94 (8.31)	DincbasSH90 (8.60)
WallaceY20	WessenCS20 (0.29)	EfthymiouY23 (0.20)	KreterSS15 (0.12)	BehrensLM19 (0.12)	KreterSS17 (0.11)
	Caseau97 (10.63)	Shaw98 (10.72)	EfthymiouY23 (10.77)	ShaikhK23 (10.82)	DemirovicS18 (11.00)
WangB20					
	WangB23 (5.92)	TranDRFWOVB16 (8.43)	AngelsmarkJ00 (9.11)	Caseau97 (9.22)	Puget95 (9.27)
WangB23					
	WangB20 (5.92)	TranDRFWOVB16 (7.35)	AngelsmarkJ00 (7.62)	Puget95 (7.68)	Caseau97 (7.75)
WangMD15	DoulabiRP16 (0.52)	RoshanaeiLAU17 (0.44)	RoshanaeiBAUB20 (0.40)	RoshanaeiLAU17a (0.40)	RoshanaeiN21 (0.29)
	YounespourAKE19 (7.35)	GurPAE23 (7.48)	GurEA19 (7.55)	DoulabiRP16 (8.12)	TopalogluO11 (8.49)
WariZ19	ColT2019a (0.13)	KovacsB11 (0.13)	Laborie18a (0.11)	EscobetPQPRA19 (0.10)	NovaraNH16 (0.10)
WatsonB08	BeckFW11 (0.79)	GrimesHM09 (0.76)	HeckmanB11 (0.36)	Beck07 (0.33)	BeckF00 (0.32)
	BeckFW11 (4.12)	Beck06 (4.90)	Shaw98 (5.29)	Beck07 (5.74)	HeckmanB11 (5.83)
WeilHFP95	BourdaisGP03 (0.24)	OzturkTHO12 (0.07)	TopalogluO11 (0.06)	GoelSHFS15 (0.06)	NovasH12 (0.05)
WessenCS20	BehrensLM19 (0.42)	WallaceY20 (0.29)	GarridoAO09 (0.08)	OzturkTHO15 (0.07)	Astrand0F21 (0.06)
	FortinZDF05 (6.00)	BehrensLM19 (6.00)	abs-1901-07914 (6.16)	CarchraeBF05 (6.24)	AngelsmarkJ00 (6.24)
WikarekS19	SchnellH17 (0.13)	BartakSR08 (0.13)	OddiPCC03 (0.12)	ElkhyariGJ02 (0.12)	BlazewiczLK83 (0.12)
	KovacsV06 (6.56)	ValleMGT03 (6.63)	KhayatLR06 (6.93)	HeipckeCCS00 (7.14)	KovacsV04 (7.14)
WinterMMW22					
	GroleazNS20a (11.22)	GedikKEK18 (11.49)	GomesM17 (11.58)	NattafM20 (11.66)	ArbaouiY18 (11.66)
Wolf03	WolfS05a (0.84)	Wolf05 (0.80)	Colombani96 (0.47)	Vilim04 (0.42)	Goltz95 (0.40)
	Wolf05 (4.69)	MonetteDD07 (6.16)	CarlierP90 (6.78)	Vilim05 (7.68)	CauwelaertDMS16 (7.81)
Wolf05	Wolf03 (0.80)	WolfS05a (0.71)	Vilim05 (0.69)	ArtiouchineB05 (0.60)	WolfS05 (0.43)
	Wolf03 (4.69)	Vilim05 (6.24)	CauwelaertDMS16 (6.56)	MonetteDD07 (6.93)	VilimBC04 (7.21)
Wolf09	WolfS05a (0.78)	WolfS05 (0.56)	Wolf05 (0.40)	SchuttWS05 (0.38)	SchuttW10 (0.31)
	Caseau97 (7.28)	WolfS05 (7.62)	AngelsmarkJ00 (7.68)	Puget95 (7.75)	PoderB08 (7.81)

Table 98: Most Similar Works

Work	1	2	3	4	5
Wolf11	SimonisH11 (0.29)	SimoninAHL12 (0.22)	OuelletQ22 (0.20)	GayHS15a (0.19)	Wolf09 (0.19)
	DoulabiRP16 (8.94)	ShinBBHO18 (9.00)	PoderB08 (9.22)	DoulabiRP14 (9.27)	HoYCLLC18 (9.27)
WolfS05	SchuttWS05 (1.10)	Wolf09 (0.56)	SchuttW10 (0.51)	WolfS05a (0.50)	MercierH08 (0.44)
	PoderB08 (3.00)	BeldiceanuP07 (3.46)	Vilim09a (4.36)	SimonisH11 (4.90)	Ceseau97 (5.00)
WolfS05a	Wolf03 (0.84)	Wolf09 (0.78)	Wolf05 (0.71)	WolfS05 (0.50)	Vilim04 (0.48)
	QuSN06 (7.14)	BeldiceanuC01 (7.21)	Bartak02 (7.28)	WolfS05 (7.35)	PoderB08 (7.42)
WolinskiKG04	QuSN06 (0.14)	KuchcinskiW03 (0.07)	NishikawaSTT19 (0.07)	LombardiM10a (0.06)	LozanoCDS12 (0.05)
	KuchcinskiW03 (5.10)	MalikMB08 (5.20)	ErtIK91 (5.29)	LozanoCDS12 (5.39)	LiuJ06 (5.57)
WuBB05					
WuBB09	CestaOS98 (3.16)	Baptiste09 (3.61)	KovacsEKV05 (3.74)	Caballero23 (3.87)	CarchraeBF05 (4.00)
	FahimiQ23 (0.19)	BonfiettiLM14 (0.16)	KletzanderM17 (0.14)	BidotVLB09 (0.12)	BeckW07 (0.12)
	BridiLBBM16 (6.93)	TranWDRFOVB16 (7.14)	TranPZLDB18 (7.42)	LuoVLBM16 (7.75)	BeckW04 (7.94)
YangSS19	KameugneFSN14 (0.62)	OuelletQ18 (0.62)	Tesch18 (0.56)	OuelletQ13 (0.51)	GayHS15 (0.44)
	Vilim09a (6.63)	WolfS05 (7.00)	BeldiceanuCP08 (7.21)	Vilim09 (7.28)	PoderB08 (7.35)
YounespourAKE19	RoshanaeiBAUB20 (0.42)	FarsiTM22 (0.26)	BenediktMH20 (0.25)	WangMD15 (0.22)	RoshanaeiN21 (0.22)
	WangMD15 (7.35)	GurPAE23 (9.38)	GurEA19 (9.64)	DejemeppeD14 (9.75)	DoulabiRP16 (9.90)
YoungFS17	SzerediS16 (0.86)	GeibingerMM19 (0.50)	KreterSS17 (0.39)	SchuttS16 (0.32)	SchuttFS13 (0.29)
	SzerediS16 (5.48)	SchuttS16 (6.48)	BofillCSV17 (6.63)	LombardiM10 (6.78)	KreterSS15 (6.86)
YunesAH10	AronHY2004 (0.62)	Hooker05b (0.48)	CireCH13 (0.41)	CobanH11 (0.39)	Beck10 (0.39)
	HeinzKB13 (7.00)	CireCH13 (7.00)	HookerY02 (7.07)	Hooker05a (7.28)	HeinzB12 (7.35)
YunusogluY22	HeinzNVH22 (0.23)	AbreuN22 (0.22)	MengLZB21 (0.18)	GedikKEK18 (0.16)	MengZRZL20 (0.15)
	GedikKEK18 (10.49)	IsikYA23 (10.54)	OrnekO16 (10.91)	Novas19 (10.95)	abs-2305-19888 (11.14)
YuraszcekMC23	YuraszcekMPV22 (0.50)	OddiPCC03 (0.19)	BlazewiczLK83 (0.10)	CarlierP94 (0.08)	WikarekS19 (0.08)
	DilkinaDH05 (7.75)	Taillard93 (7.75)	WatsonB08 (7.81)	Beck06 (7.94)	Shaw98 (7.94)
YuraszcekMCCR23					
	HeipckeCCS00 (8.60)	BeckPS03 (8.72)	VilimLS15 (8.77)	WikarekS19 (8.77)	LiessM08 (8.83)
YuraszcekMPV22	YuraszcekMC23 (0.50)	SubulanC22 (0.18)	OujanaAYB22 (0.12)	SchnelliH17 (0.11)	AbreuPNF23 (0.11)
	AbreuAPNM21 (10.05)	YuraszcekMC23 (10.20)	SourdN00 (10.68)	MalapertCGJLR13 (10.68)	MejiaY20 (10.77)
Zahout21					
	ZhangYW21 (10.95)	TranPZLDB18 (11.36)	HillTV21 (11.49)	HeipckeCCS00 (11.53)	NishikawaSTT19 (11.58)
ZampelliVSDR13	GaySS14 (0.21)	CauwelaertLS15 (0.19)	GrimesH10 (0.18)	UnsalO13 (0.18)	QinDS16 (0.18)
	WolfS05 (7.75)	Vilim09a (7.81)	PoderB08 (7.94)	TranVNB17a (8.49)	BartakS11 (8.54)
ZarandiASC20	SacramentoSP20 (0.05)	MengLZB21 (0.04)	MengZRZL20 (0.04)	GokgurHO18 (0.04)	HamFC17 (0.04)
	PrataAN23 (16.31)	HartmannB22 (17.58)	Lunardi20 (17.83)	JainM99 (17.92)	HartmannB10 (18.03)
ZarandiB12	HechingHK19 (0.52)	RoshanaeiLAU17 (0.50)	Hooker07 (0.49)	CireCH16 (0.46)	TranAB16 (0.44)
ZarandiKS16	NovasH14 (0.18)	QuirogaZH05 (0.16)	AbreuN22 (0.16)	KelbelH11 (0.15)	GedikKEK18 (0.14)
	FoxAS82 (7.68)	LimRX04 (8.06)	KamarainenS02 (8.19)	MakMS10 (8.43)	CarlierP90 (8.43)
Zeballos10	ZeballosQH10 (0.93)	NovasH14 (0.57)	QuirogaZH05 (0.48)	ZeballosNH11 (0.25)	CobanH10 (0.24)
ZeballosCM10	NovasH12 (0.43)	ZeballosNH11 (0.41)	NovaraNH16 (0.31)	ZeballosQH10 (0.21)	NovasH10 (0.21)
ZeballosH05					
	NovasH14 (5.66)	QuirogaZH05 (5.92)	BeckPS03 (6.40)	NovasH12 (6.78)	ZeballosQH10 (6.78)
ZeballosNH11	NovaraNH16 (0.74)	ZeballosCM10 (0.41)	MaraveliasCG04 (0.30)	ZeballosQH10 (0.28)	Zeballos10 (0.25)
ZeballosQH10	Zeballos10 (0.93)	NovasH14 (0.58)	QuirogaZH05 (0.34)	KhayatLR06 (0.32)	ZeballosNH11 (0.28)
	QuirogaZH05 (5.92)	ZeballosH05 (6.78)	NovasH14 (7.48)	KhayatLR06 (7.48)	BeckPS03 (8.06)
ZhangBB22					
	FontaineMH16 (7.68)	ArtiguesF07 (7.94)	ArtiguesBF04 (8.06)	NuijtenA96 (8.12)	NuijtenA94 (8.19)
ZhangJZL22	AwadMDMT22 (0.03)				
	Bedhief21 (8.54)	Beck06 (8.54)	Shaw98 (8.54)	LiFJZLL22 (8.66)	ArbaouiY18 (8.66)
ZhangLS12	QuirogaZH05 (0.67)	Geske05 (0.67)	EvenSH15 (0.50)	KovacsV04 (0.50)	LimtanyakulS12 (0.40)
	CarchraeBF05 (3.61)	FrostD98 (3.61)	HebrardALLCMR22 (3.61)	Baptiste09 (4.00)	FalasciGMP97 (4.00)
Novas19 (0.17)	Novas19 (0.17)	HamC16 (0.15)	LunardiBLRV20 (0.14)	TerekhovDOB12 (0.13)	MengZRZL20 (0.09)
ZhangW18	FanXG21 (8.89)	LunardiBLRV20 (9.27)	JuvinHL23 (9.54)	Mehdizadeh-Somarin23 (9.70)	LiFJZLL22 (9.70)

Table 98: Most Similar Works

Work	1	2	3	4	5
ZhangYW21	NaderiBZ22a (0.42)	ShiYXQ22 (0.33)	ZhuSZW23 (0.23)	MengLZB21 (0.21)	PohlAK22 (0.20)
	KhayatLR06 (6.63)	KolischS97 (7.21)	HeipckeCCS00 (7.28)	LahimerLH11 (7.42)	HeckmanB11 (7.48)
Zhou96	Colombani96 (0.81)	ArtiouchineB05 (0.33)	MonetteDD07 (0.32)	Taillard93 (0.31)	Rodriguez07 (0.31)
	Zhou97 (4.24)	Colombani96 (4.69)	CarlierP89 (6.40)	BelhadjiI98 (6.48)	FoxAS82 (6.63)
Zhou97	SacramentoSP20 (0.13)	Wolf05 (0.11)	AbreuAPNM21 (0.11)	MengLZB21 (0.11)	Bartak02 (0.10)
	Zhou96 (4.24)	Colombani96 (6.93)	Goltz95 (7.07)	HeipckeCCS00 (8.00)	CarlierP89 (8.06)
ZhouGL15	SimoninAHL12 (0.17)	LombardiM10 (0.15)	GrimesHM09 (0.14)	WatsonB08 (0.12)	CestaOPS14 (0.12)
	JuvinHL23 (7.94)	ParkUJR19 (8.43)	HebrardHJMPV16 (8.54)	TerekhovTDB14 (8.94)	ArmstrongGOS22 (9.00)
ZhuS02					
	GelainPRVW17 (3.61)	CestaOS98 (4.12)	Caballero23 (4.47)	KovacsEKV05 (4.58)	Tsang03 (4.80)
ZhuSZW23	ShiYXQ22 (0.54)	NaderiBZ22a (0.25)	ZhangYW21 (0.23)	TanSD10 (0.13)	LunardiBLRV20 (0.11)
	NaderiBZ22a (8.12)	ZhangYW21 (8.89)	TanT18 (9.00)	MurinR19 (9.49)	HamPK21 (9.80)
ZibranR11	ZibranR11a (1.03)				
	ZibranR11a (2.65)	ChapadosJR11 (3.61)	CarchraeBF05 (3.74)	HebrardALLCMR22 (3.74)	Baptiste09 (3.87)
ZibranR11a	ZibranR11 (1.03)	ZhangLS12 (0.07)	QuirogaZH05 (0.07)	Geske05 (0.07)	EvenSH15 (0.07)
	ZibranR11 (2.65)	ChapadosJR11 (4.24)	HebrardALLCMR22 (4.58)	ZhangLS12 (4.90)	CarchraeBF05 (5.20)
ZouZ20	TangLWSK18 (0.40)	SubulanC22 (0.09)	YuraszcekMPV22 (0.08)	SchnellH17 (0.07)	HauderBRPA20 (0.06)
	NishikawaSTT18 (5.92)	NishikawaSTT18a (6.08)	NishikawaSTT19 (6.48)	Bonfietti16 (6.63)	ZibranR11a (6.71)
abs-0907-0939					
	PoderB08 (7.35)	ClercqPBJ11 (7.42)	BeldiceanuP07 (7.81)	WolfS05 (8.06)	GarridoOS08 (8.72)
abs-1009-0347					
	SchuttFSW13 (4.69)	SchuttFSW09 (6.08)	BofillCSV17 (6.16)	SchuttCSW12 (6.56)	SchuttS16 (6.93)
abs-1901-07914					
	BehrensLM19 (2.00)	ValleMGT03 (5.57)	JungblutK22 (5.66)	WessenCS20 (6.16)	GarridoOS08 (6.24)
abs-1902-01193					
	AngelsmarkJ00 (5.57)	ZibranR11 (5.57)	Tsang03 (5.57)	ChapadosJR11 (5.66)	ZibranR11a (5.66)
abs-1902-09244					
	HauderBRPA20 (3.00)	BeckPS03 (9.00)	BeckR03 (9.90)	MonetteDH09 (10.00)	HeipckeCCS00 (10.05)
abs-1911-04766					
	GeibingerMM19 (6.08)	GeibingerMM21 (8.19)	PovedaAA23 (10.00)	CampeauG22 (10.54)	YoungFS17 (10.58)
abs-2102-08778					
	ColT19 (5.48)	Teppan22 (6.63)	Taillard93 (7.28)	Shaw98 (7.35)	WatsonB08 (7.48)
abs-2211-14492					
	abs-2402-00459 (8.49)	BeckFW11 (9.38)	KovacsTKSG21 (9.43)	CarchraeB09 (9.49)	Beck06 (9.54)
abs-2305-19888					
	HeinzNVH22 (3.46)	ArbaouiY18 (7.75)	Ham18a (8.12)	LahimerLH11 (8.43)	GedikKEK18 (8.72)
abs-2306-05747					
	TasselGS23 (0.00)	BeckFW11 (7.62)	CarchraeB09 (7.62)	WatsonB08 (7.68)	abs-2102-08778 (8.06)
abs-2312-13682					
	PerezGSL23 (1.41)	MurphyMB15 (6.32)	JelinekB16 (6.56)	CarchraeBF05 (6.71)	LiuJ06 (6.71)
abs-2402-00459					
	abs-2211-14492 (8.49)	ThiruvadyWGS14 (9.38)	KovacsTKSG21 (9.54)	CarchraeB09 (9.59)	HeipckeCCS00 (9.70)

H Missing Works

The following table shows works that are currently not included in the survey, but which are links to works currently included. The "Nr Links" field shows how many connections exist according to OpenCitations.

Table 99: Missing Work

DOI	Type	Title	Nr Links	Nr References	Nr Citations	Crossref References	Crossref Citations
10.1016/j.ejor.2015.11.020 (bib)	journal-article	Analysis of a parallel machine scheduling problem with sequence dependent setup times and job availability intervals	18	9	9	38	41
10.1287/mnsc.42.6.797 (bib)	journal-article	A Fast Taboo Search Algorithm for the Job Shop Problem	15	0	15	0	633
10.1080/0740817x.2012.705452 (bib)	journal-article	Solving a stochastic facility location/fleet management problem with logic-based Benders' decomposition	15	6	9	34	20
10.1007/3-540-61310-2_29 (bib)	book-chapter	A new approach to computing optimal schedules for the job-shop scheduling problem	15	0	15	22	82
10.1007/978-3-540-24664-0_9 (bib)	book-chapter	Generating Benders Cuts for a General Class of Integer Programming Problems	14	3	11	12	33
10.1016/j.ejor.2019.10.014 (bib)	journal-article	Branch-Relax-and-Check: A tractable decomposition method for order acceptance and identical parallel machine scheduling	14	8	6	38	34
10.1016/0004-3702(80)90051-x (bib)	journal-article	Increasing tree search efficiency for constraint satisfaction problems	14	0	14	17	638
10.1016/j.compchemeng.2005.09.011 (bib)	journal-article	A decomposition framework for the scheduling of single- and multi-stage processes	14	8	6	30	82
10.1007/bf01539706 (bib)	journal-article	A branch amp; bound method for the general-shop problem with sequence dependent setup-times	13	0	13	15	73
10.1021/ie060449m (bib)	journal-article	Two New Continuous-Time Models for the Scheduling of Multistage Batch Plants with Sequence Dependent Changeovers	13	6	7	27	74
10.1016/j.apm.2009.09.002 (bib)	journal-article	Mathematical models for job-shop scheduling problems with routing and process plan flexibility	13	2	11	38	206
10.1016/j.omega.2019.03.001 (bib)	journal-article	Reformulation, linearization, and decomposition techniques for balanced distributed operating room scheduling	13	9	4	53	24
10.1002/9780470611227.biblio (bib)	other	Bibliography	13	13	0	334	0
10.1007/s10845-007-0026-8 (bib)	journal-article	Mathematical modeling and heuristic approaches to flexible job shop scheduling problems	12	0	12	16	249
10.1016/j.omega.2015.02.001 (bib)	journal-article	Logic-based Benders decomposition for an inventory-location problem with service constraints	12	6	6	23	46
10.1016/s0377-2217(97)00442-6 (bib)	journal-article	Computing lower bounds by destructive improvement: An application to resource-constrained project scheduling	12	0	12	23	86
10.1287/opre.1060.0286 (bib)	journal-article	Combinatorial Benders' Cuts for Mixed-Integer Linear Programming	12	6	6	27	272
10.1016/j.cie.2009.02.012 (bib)	journal-article	A planning and scheduling problem for an operating theatre using an open scheduling strategy	11	0	11	40	181
10.1287/mnsc.49.3.330.12737 (bib)	journal-article	Solving Project Scheduling Problems by Minimum Cut Computations	11	2	9	55	135
10.1016/s0167-5060(08)70743-x (bib)	book-chapter	Complexity of Machine Scheduling Problems	11	0	11	51	1358
10.1016/j.omega.2019.01.003 (bib)	journal-article	Decomposition algorithms for the integrated process planning and scheduling problem	11	2	9	60	41
10.1016/j.ejor.2017.01.004 (bib)	journal-article	Changeover formulations for discrete-time mixed-integer programming scheduling models	11	9	2	38	21
10.1016/j.compchemeng.2006.02.008 (bib)	journal-article	State-of-the-art review of optimization methods for short-term scheduling of batch processes	11	4	7	116	642
10.1287/mnsc.38.12.1803 (bib)	journal-article	A Branch-and-Bound Procedure for the Multiple Resource-Constrained Project Scheduling Problem	11	0	11	0	387
10.1007/s10951-005-6364-5 (bib)	journal-article	An Advanced Tabu Search Algorithm for the Job Shop Problem	11	2	9	32	214
10.1016/j.cie.2012.03.018 (bib)	journal-article	Parallel machine scheduling with flexible resources	11	3	8	20	38
10.1016/j.cor.2009.12.011 (bib)	journal-article	Event-based MILP models for resource-constrained project scheduling problems	10	3	7	40	132
10.1145/378239.379017 (bib)	proceedings-article	Chaff	10	0	10	0	1245
10.1007/s10479-010-0693-2 (bib)	journal-article	A Boolean satisfiability approach to the resource-constrained project scheduling problem	10	4	6	46	26
10.1007/s10766-007-0032-7 (bib)	journal-article	A Fast and Accurate Technique for Mapping Parallel Applications on Stream-Oriented MPSOC Platforms with Communication Awareness	10	6	4	37	27
10.1016/j.compchemeng.2009.06.007 (bib)	journal-article	Integration of production planning and scheduling: Overview, challenges and opportunities	10	8	2	106	273
10.1007/s00291-011-0279-7 (bib)	journal-article	An integer programming approach to elective surgery scheduling	10	0	10	32	102
10.1287/opre.40.1.113 (bib)	journal-article	Job Shop Scheduling by Simulated Annealing	10	0	10	0	742

Table 99: Missing Work

DOI	Type	Title	Nr Links	Nr References	Nr Citations	Crossref References	Crossref Citations
10.1287/mnsc.41.10.1693 (bib)	journal-article	Characterization and Generation of a General Class of Resource-Constrained Project Scheduling Problems	10	0	10	0	436
10.1016/s0377-2217(97)00335-4 (bib)	journal-article	A branch and bound algorithm for the resource-constrained project scheduling problem	10	0	10	25	193
10.1287/opre.8.2.219 (bib)	journal-article	On the Job-Shop Scheduling Problem	10	0	10	0	425
10.1007/978-3-540-30201-8 47 (bib)	book-chapter	A Constraint for Bin Packing	10	0	10	17	52
10.1145/41625.41635 (bib)	proceedings-article	Constraint logic programming	10	0	10	0	712
10.1145/79204.79210 (bib)	journal-article	An introduction to Prolog III	10	0	10	25	292
10.1016/j.ejor.2012.09.010 (bib)	journal-article	A dual bin-packing approach to scheduling surgical cases at a publicly-funded hospital	10	0	10	19	90
10.1016/s0098-1354(01)00729-3 (bib)	journal-article	A decomposition approach for the scheduling of a steel plant production	9	1	8	23	164
10.1016/j.ijpe.2004.12.006 (bib)	journal-article	Operating rooms scheduling	9	0	9	22	245
10.1145/321978.321985 (bib)	journal-article	Open Shop Scheduling to Minimize Finish Time	9	0	9	7	490
10.1016/j.omega.2018.08.006 (bib)	journal-article	A Logic-based Decomposition Approach for Multi-Period Network Interdiction Models	9	5	4	27	14
10.1287/ijoc.2020.1015 (bib)	journal-article	Solving the Type-2 Assembly Line Balancing with Setups Using Logic-Based Benders Decomposition	9	8	1	53	12
10.1016/s0377-2217(02)00763-4 (bib)	journal-article	On linear lower bounds for the resource constrained project scheduling problem	9	3	6	27	34
10.1007/bf02023076 (bib)	journal-article	Applying tabu search to the job-shop scheduling problem	9	0	9	19	383
10.1007/bf02023073 (bib)	journal-article	Routing and scheduling in a flexible job shop by tabu search	9	0	9	45	734
10.1111/poms.12584 (bib)	journal-article	Scheduling Methods for Efficient Stamping Operations at an Automotive Company	9	7	2	35	9
10.1145/182.358434 (bib)	journal-article	Maintaining knowledge about temporal intervals	9	0	9	18	4512
10.1287/mnsc.38.10.1495 (bib)	journal-article	New Search Spaces for Sequencing Problems with Application to Job Shop Scheduling	9	0	9	0	365
10.1287/ijoc.2021.1113 (bib)	journal-article	Novel Formulations and Logic-Based Benders Decomposition for the Integrated Parallel Machine Scheduling and Location Problem	9	7	2	55	16
10.1016/j.ejor.2010.03.037 (bib)	journal-article	Project scheduling with finite or infinite number of activity processing modes – A survey	9	3	6	217	195
10.1002/nav.3800060205 (bib)	journal-article	An integer linear-programming model for machine scheduling	9	0	9	14	257
10.1007/978-3-540-30201-8 36 (bib)	book-chapter	A Regular Language Membership Constraint for Finite Sequences of Variables	9	0	9	15	132
10.1007/s10729-010-9143-6 (bib)	journal-article	Operational research in the management of the operating theatre: a survey	9	0	9	129	347
10.1016/0098-1354(95)00219-7 (bib)	journal-article	Logic-based MINLP algorithms for the optimal synthesis of process networks	9	0	9	24	251
10.1007/978-3-642-23786-7 8 (bib)	book-chapter	Optimal Carpet Cutting	9	5	4	22	11
10.1016/j.ejor.2006.06.060 (bib)	journal-article	A survey of scheduling problems with setup times or costs	9	0	9	310	946
10.1016/j.ejor.2006.06.078 (bib)	journal-article	A branch-and-check algorithm for minimizing the weighted number of late jobs on a single machine with release dates	9	5	4	28	18
10.1007/bf01721162 (bib)	journal-article	A survey of priority rule-based scheduling	9	0	9	137	347
10.1016/j.compchemeng.2015.03.020 (bib)	journal-article	Multi-bucket optimization for integrated planning and scheduling in the perishable dairy supply chain	9	8	1	50	54
10.1016/0166-218x(94)90204-6 (bib)	journal-article	A branch and bound algorithm for the job-shop scheduling problem	9	0	9	17	296
10.1016/j.ejor.2006.03.059 (bib)	journal-article	Surgical case scheduling as a generalized job shop scheduling problem	9	1	8	41	236
10.1016/s0166-218x(96)00116-3 (bib)	journal-article	A branch and bound algorithm for the open-shop problem	9	0	9	16	103
10.1287/opre.7.5.621 (bib)	journal-article	The Schedule-Sequencing Problem	9	0	9	0	200
10.1017/9781316650998.016 (bib)	book-part	Special Topics	9	9	0	145	0
10.1016/j.dajour.2023.100248 (bib)	journal-article	A new cumulative scheduling model using effective continuous-time formulation and dominance rules for optimality	9	9	0	41	0
10.1287/ijoc.1100.0396 (bib)	journal-article	Operating Room Pooling and Parallel Surgery Processing Under Uncertainty	8	0	8	45	159
10.1016/0020-0255(74)90008-5 (bib)	journal-article	Networks of constraints: Fundamental properties and applications to picture processing	8	0	8	14	753
10.1007/11754602 10 (bib)	book-chapter	A Hybrid Benders' Decomposition Method for Solving Stochastic Constraint Programs with Linear Recourse	8	5	3	17	9
10.1002/net.3230130102 (bib)	journal-article	Preselective strategies for the optimization of stochastic project networks under resource constraints	8	0	8	35	107
10.1016/j.ejor.2004.04.002 (bib)	journal-article	Project scheduling under uncertainty: Survey and research potentials	8	2	6	92	631
10.1016/j.ejor.2009.04.011 (bib)	journal-article	Operating room planning and scheduling: A literature review	8	0	8	124	748
10.1287/opre.1090.0791 (bib)	journal-article	Optimal Allocation of Surgery Blocks to Operating Rooms Under Uncertainty	8	0	8	36	256
10.1287/ijoc.1060.0181 (bib)	journal-article	Using Decomposition Techniques and Constraint Programming for Solving the Two-Dimensional Bin-Packing Problem	8	2	6	36	126
10.1007/978-3-540-85958-1 4 (bib)	book-chapter	Search Strategies for Rectangle Packing	8	4	4	16	24
10.1007/11889205 23 (bib)	book-chapter	Stochastic Allocation and Scheduling for Conditional Task Graphs in MPSoCs	8	5	3	21	9
10.1016/j.apm.2012.03.020 (bib)	journal-article	Evaluation of mathematical models for flexible job-shop scheduling problems	8	0	8	37	136

Table 99: Missing Work

DOI	Type	Title	Nr Links	Nr References	Nr Citations	Crossref References	Crossref Citations
10.1016/j.ejor.2021.03.026 (bib)	journal-article	Four decades of research on the open-shop scheduling problem to minimize the makespan	8	4	4	299	43
10.1002/nav.3800010110 (bib)	journal-article	Optimal two- and three-stage production schedules with setup times included	8	0	8	2	2229
10.1007/978-3-540-24664-0 24 (bib)	book-chapter	Problem Decomposition for Traffic Diversions	8	4	4	9	8
10.1016/0004-3702(92)90006-j (bib)	journal-article	Constraint satisfaction using constraint logic programming	8	1	7	79	97
10.1007/978-3-540-48085-3 27 (bib)	book-chapter	Tight Cooperation and Its Application in Piecewise Linear Optimization	8	2	6	24	20
10.1146/annurev-chembioeng-060713-035859 (bib)	journal-article	Advances in Mixed-Integer Programming Methods for Chemical Production Scheduling	8	7	1	121	30
10.1017/s0269888900001089 (bib)	journal-article	Bridging the gap between planning and scheduling	8	0	8	0	91
10.1007/978-3-642-04244-7 28 (bib)	book-chapter	Solving a Location-Allocation Problem with Logic-Based Benders' Decomposition	8	2	6	7	14
10.1002/jos.91 (bib)	journal-article	Heuristics for scheduling with inventory: dynamic focus via constraint criticality	8	6	2	31	8
10.1016/j.compchemeng.2018.03.004 (bib)	journal-article	Satisfiability modulo theories for process systems engineering	8	7	1	94	11
10.1016/j.cor.2015.06.002 (bib)	journal-article	Operating room scheduling with Generalized Disjunctive Programming	8	2	6	34	31
10.1145/1452044.1452046 (bib)	journal-article	Efficient constraint propagation engines	8	1	7	40	70
10.1016/j.dam.2003.09.009 (bib)	journal-article	Jackson's pseudo-preemptive schedule and cumulative scheduling problems	8	1	7	25	16
10.1016/s0377-2217(99)00488-9 (bib)	journal-article	Using intelligent backtracking to improve branch-and-bound methods: An application to Open-Shop problems	8	0	8	19	35
10.1287/mnsc.44.2.262 (bib)	journal-article	Guided Local Search with Shifting Bottleneck for Job Shop Scheduling	8	0	8	27	253
10.1007/s43069-022-00134-y (bib)	journal-article	Current Trends in Operating Room Scheduling 2015 to 2020: a Literature Review	8	7	1	264	4
10.1016/j.sorms.2014.09.001 (bib)	journal-article	Queueing-theoretic approaches for dynamic scheduling: A survey	8	8	0	279	6
10.1007/s00170-011-3454-8 (bib)	journal-article	Solution approaches for a real-life resource-constrained parallel machine scheduling problem	8	8	0	45	30
10.1007/978-3-642-35852-4 1 (bib)	book-chapter	A Collaborative Framework between a Scheduling System and a Holonic Manufacturing Execution System	8	8	0	33	12
10.1016/j.eswa.2022.117292 (bib)	journal-article	Formulation and exact algorithms for electric vehicle production routing problem	8	8	0	87	4
10.2139/ssrn.912231 (bib)	journal-article	A Branch-and-Check Algorithm for Minimizing the Sum of the Weights of the Late Jobs on a Single Machine with Release Dates	8	8	0	27	0
10.1021/ie061569x (bib)	journal-article	Constraint Programming Based Robust Sensor Network Design	8	8	0	39	14
10.1016/j.ejor.2009.09.024 (bib)	journal-article	The hybrid flow shop scheduling problem	7	0	7	225	573
10.1016/j.jmsy.2022.04.018 (bib)	journal-article	Workforce planning and production scheduling in a reconfigurable manufacturing system facing the COVID-19 pandemic	7	5	2	49	15
10.1016/j.cor.2017.11.011 (bib)	journal-article	Large neighborhood search with constraint programming for a vehicle routing problem with synchronization constraints	7	0	7	22	42
10.1007/978-1-4615-1043-7 1 (bib)	book-chapter	A Framework for Integrating Solution Methods	7	5	2	31	4
10.1287/mnsc.42.9.1229 (bib)	journal-article	Mixed 0-1 Programming by Lift-and-Project in a Branch-and-Cut Framework	7	0	7	0	168
10.1007/3-540-58601-6 111 (bib)	book-chapter	Logic-based methods for optimization	7	0	7	12	39
10.1145/322290.322292 (bib)	journal-article	A Sufficient Condition for Backtrack-Free Search	7	0	7	16	384
10.1287/mnsc.47.8.1113.10226 (bib)	journal-article	On Maximizing the Net Present Value of a Project Under Renewable Resource Constraints	7	0	7	20	77
10.1016/j.ejor.2012.11.029 (bib)	journal-article	Personnel scheduling: A literature review	7	0	7	306	527
10.1016/j.ejor.2017.01.002 (bib)	journal-article	Models and matheuristics for the unrelated parallel machine scheduling problem with additional resources	7	2	5	34	107
10.1016/0377-2217(87)90240-2 (bib)	journal-article	Project scheduling with resource constraints: A branch and bound approach	7	0	7	15	256
10.1016/j.compchemeng.2007.03.019 (bib)	journal-article	Improving unit-specific event based continuous-time approaches for batch processes: Integrality gap and task splitting	7	6	1	65	71
10.1007/bf01719451 (bib)	journal-article	Tabu search for the job-shop scheduling problem with multi-purpose machines	7	0	7	24	300
10.1021/ie050730l (bib)	journal-article	New Continuous-Time MILP Model for the Short-Term Scheduling of Multistage Batch Plants	7	3	4	19	81
10.1287/opre.2013.1221 (bib)	journal-article	Multivalued Decision Diagrams for Sequencing Problems	7	4	3	28	65
10.1007/978-3-540-30201-8 41 (bib)	book-chapter	Impact-Based Search Strategies for Constraint Programming	7	0	7	15	120
10.1007/978-3-540-48085-3 28 (bib)	book-chapter	Arc Consistency for Global Cardinality Constraints with Costs	7	1	6	12	27
10.1023/b:josh.0000046076.75950.0b (bib)	journal-article	The State of the Art of Nurse Rostering	7	0	7	0	621
10.1016/0098-1354(93)e0010-7 (bib)	journal-article	Modelling and computational techniques for logic based integer programming	7	0	7	22	416
10.1002/jos.73 (bib)	journal-article	Solving the open shop scheduling problem	7	1	6	29	54

Table 99: Missing Work

DOI	Type	Title	Nr Links	Nr References	Nr Citations	Crossref References	Crossref Citations
10.1007/s13218-011-0161-4 (bib)	journal-article	firstCS—New Aspects on Combining Constraint Programming with Object-Orientation in Java	7	6	1	19	2
10.1007/bf02085636 (bib)	journal-article	The job-shop problem and immediate selection	7	0	7	10	35
10.1109/12.769433 (bib)	journal-article	GRASP: a search algorithm for propositional satisfiability	7	0	7	39	831
10.1016/s0377-2217(99)00485-3 (bib)	journal-article	Experimental evaluation of state-of-the-art heuristics for the resource-constrained project scheduling problem	7	0	7	39	334
10.1287/trsc.1030.0078 (bib)	journal-article	Hybrid Column Generation Approaches for Urban Transit Crew Management Problems	7	1	6	31	42
10.1007/978-3-030-19212-9 9 (bib)	book-chapter	A Constraint Programming Approach to Electric Vehicle Routing with Time Windows	7	6	1	31	8
10.1145/2838733 (bib)	journal-article	A Logic-Based Benders Decomposition Approach for Mapping Applications on Heterogeneous Multicore Platforms	7	6	1	38	15
10.1016/s0167-5060(08)70821-5 (bib)	book-chapter	Computational Complexity of Discrete Optimization Problems	7	0	7	57	197
10.1016/j.cor.2006.02.024 (bib)	journal-article	A very fast TS/SA algorithm for the job shop scheduling problem	7	2	5	33	174
10.1007/s10951-013-0354-9 (bib)	journal-article	A preemptive bound for the Resource Constrained Project Scheduling Problem	7	6	1	27	7
10.1021/ie901176n (bib)	journal-article	An Integrated CP-Based Approach for Scheduling of Processing and Transport Units in Pipeless Plants	7	6	1	23	7
10.1287/mnsc.43.11.1485 (bib)	journal-article	New Benchmark Results for the Resource-Constrained Project Scheduling Problem	7	0	7	0	161
10.1016/j.cor.2018.03.008 (bib)	journal-article	Solving a selective dial-a-ride problem with logic-based Benders decomposition	7	3	4	45	23
10.1007/978-3-319-66158-2 8 (bib)	book-chapter	Arc Consistency via Linear Programming	7	6	1	26	1
10.1080/095281399146607 (bib)	journal-article	Handling contingency in temporal constraint networks: from consistency to controllabilities	7	0	7	35	105
10.1016/j.ejor.2005.10.063 (bib)	journal-article	A Benders approach for the constrained minimum break problem	7	2	5	27	62
10.1287/opre.46.3.316 (bib)	journal-article	Branch-and-Price: Column Generation for Solving Huge Integer Programs	7	0	7	44	1347
10.1017/9781316650998.017 (bib)	book-chapter	Solution Methods: Sequential Environments	7	7	0	24	0
10.1007/978-3-319-44953-1 35 (bib)	book-chapter	Optimal Performance Tuning in Real-Time Systems Using Multi-objective Constrained Optimization	7	7	0	43	2
10.1007/978-3-540-32220-7 10 (bib)	book-chapter	Scheduling in Job Shops	7	7	0	143	0
10.1007/978-981-15-1918-5 7 (bib)	book-chapter	Genetic Algorithms for Creating Large Job Shop Dispatching Rules	7	7	0	34	1
10.1016/j.ejor.2022.05.033 (bib)	journal-article	Order assignment and scheduling under processing and distribution time uncertainty	7	7	0	54	6
10.1016/j.trb.2022.06.004 (bib)	journal-article	Joint berth allocation and ship loader scheduling under the rotary loading mode in coal export terminals	7	7	0	65	5
10.1007/978-3-319-05443-8 27 (bib)	book-chapter	Benders Decomposition Approach for Project Scheduling with Multi-Purpose Resources	7	7	0	32	3
10.1287/ijoc.2023.1280 (bib)	journal-article	Network Migration Problem: A Hybrid Logic-Based Benders Decomposition Approach	7	7	0	29	0
10.1007/s43069-023-00242-3 (bib)	journal-article	Computational Evaluation of Cut-Strengthening Techniques in Logic-Based Benders' Decomposition	7	7	0	23	1
10.1016/j.cor.2021.105332 (bib)	journal-article	Optimization of the integrated problem of employee timetabling and job shop scheduling	7	7	0	86	6
10.1016/j.compchemeng.2003.11.006 (bib)	journal-article	Part II. Future perspective on optimization	7	7	0	161	144
10.1007/978-3-319-93031-2 40 (bib)	book-chapter	Revisiting the Self-adaptive Large Neighborhood Search	7	7	0	34	4
10.1109/mis.2005.25 (bib)	journal-article	Constraints and AI Planning	6	4	2	68	42
10.1007/978-1-4419-8917-8 (bib)	book	Constraint and Integer Programming	6	0	6	0	27
10.1016/s0377-2217(97)00305-6 (bib)	journal-article	A branch-and-bound procedure for the resource-constrained project scheduling problem with generalized precedence relations	6	0	6	41	98
10.1007/s10479-008-0413-3 (bib)	journal-article	Solving a tactical operating room planning problem by a column-generation-based heuristic procedure with four criteria	6	0	6	19	103
10.1016/j.ejor.2012.04.008 (bib)	journal-article	A constraint programming approach for a batch processing problem with non-identical job sizes	6	0	6	41	44
10.1016/j.cie.2018.09.030 (bib)	journal-article	Uncertainty in advance scheduling problem in operating room planning	6	3	3	50	32
10.1007/s10479-005-3968-2 (bib)	journal-article	Integer-Programming Software Systems	6	3	3	60	146
10.1016/j.ejor.2011.01.011 (bib)	journal-article	A genetic algorithm for the unrelated parallel machine scheduling problem with sequence dependent setup times	6	0	6	32	276
10.1007/bf02430364 (bib)	journal-article	Testing heuristics: We have it all wrong	6	0	6	16	250
10.1016/j.ejor.2021.08.047 (bib)	journal-article	Exact optimization and decomposition approaches for shelf space allocation	6	3	3	57	9
10.1016/j.cor.2005.01.013 (bib)	journal-article	Sweep synchronization as a global propagation mechanism	6	1	5	11	8
10.1145/359642.359654 (bib)	journal-article	Synthesizing constraint expressions	6	0	6	24	295
10.1007/s11831-020-09432-2 (bib)	journal-article	A Comprehensive Review and Analysis of Operating Room and Surgery Scheduling	6	5	1	182	35

Table 99: Missing Work

DOI	Type	Title	Nr Links	Nr References	Nr Citations	Crossref References	Crossref Citations
10.1287/mnsc.41.1.94 (bib)	journal-article	The One-Machine Problem with Delayed Precedence Constraints and its Use in Job Shop Scheduling	6	0	6	0	109
10.1016/j.ejor.2022.02.043 (bib)	journal-article	A logic-based Benders decomposition for microscopic railway timetable planning	6	5	1	34	12
10.1007/978-3-540-24800-2 (bib)	book	Project Scheduling with Time Windows and Scarce Resources	6	0	6	0	170
10.1007/978-3-540-24662-6 12 (bib)	book-chapter	Reduce-To-The-Opt – A Specialized Search Algorithm for Contiguous Task Scheduling	6	4	2	16	3
10.1126/science.220.4598.671 (bib)	journal-article	Optimization by Simulated Annealing	6	0	6	32	29914
10.1287/mnsc.44.5.714 (bib)	journal-article	An Exact Algorithm for the Resource-Constrained Project Scheduling Problem Based on a New Mathematical Formulation	6	0	6	29	238
10.1007/s10845-020-01537-6 (bib)	journal-article	Transfer-robot task scheduling in flexible job shop	6	4	2	33	34
10.1016/j.ejor.2021.06.012 (bib)	journal-article	A survey of scheduling with parallel batch (p-batch) processing	6	5	1	309	61
10.1016/j.ejor.2021.06.017 (bib)	journal-article	Logic-based Benders decomposition method for the seru scheduling problem with sequence-dependent setup time and DeJong’s learning effect	6	5	1	70	38
10.1016/j.cor.2016.09.009 (bib)	journal-article	Logic based Benders’ decomposition for orthogonal stock cutting problems	6	4	2	50	43
10.1007/978-1-4419-8917-8 1 (bib)	book-chapter	Constraint and Integer Programming	6	4	2	40	5
10.1287/opre.25.1.45 (bib)	journal-article	A Survey of Scheduling Rules	6	0	6	0	864
10.1057/jors.1990.166 (bib)	journal-article	OR-Library: Distributing Test Problems by Electronic Mail	6	0	6	0	1115
10.1287/opre.24.4.774 (bib)	journal-article	Technical Note—Finding Some Essential Characteristics of the Feasible Solutions for a Scheduling Problem	6	0	6	0	50
10.1007/s10107-004-0518-7 (bib)	journal-article	Exploring relaxation induced neighborhoods to improve MIP solutions	6	3	3	35	338
10.1177/0142331208100099 (bib)	journal-article	Incremental propagation rules for a precedence graph with optional activities and time windows	6	4	2	15	5
10.1016/j.asoc.2021.108233 (bib)	journal-article	Collaborative scheduling of operating room in hospital network: Multi-objective learning variable neighborhood search	6	5	1	49	8
10.1287/trsc.32.1.12 (bib)	journal-article	An Exact Constraint Logic Programming Algorithm for the Traveling Salesman Problem with Time Windows	6	0	6	25	96
10.1007/978-3-540-24664-0 26 (bib)	book-chapter	Dispatching and Conflict-Free Routing of Automated Guided Vehicles: A Hybrid Approach Combining Constraint Programming and Mixed Integer Programming	6	0	6	4	11
10.1002/net.21736 (bib)	journal-article	Full-load route planning for balancing bike sharing systems by logic-based benders decomposition	6	4	2	50	25
10.1287/mnsc.46.10.1365.12272 (bib)	journal-article	A Time-Oriented Branch-and-Bound Algorithm for Resource-Constrained Project Scheduling with Generalised Precedence Constraints	6	3	3	28	80
10.1111/itor.12199 (bib)	journal-article	A research survey: review of flexible job shop scheduling techniques	6	0	6	212	285
10.1007/3-540-45578-7 14 (bib)	book-chapter	Network Flow Problems in Constraint Programming	6	4	2	17	9
10.1287/mnsc.16.5.357 (bib)	journal-article	Cash Flows in Networks	6	0	6	0	155
10.1016/s0305-0548(97)00031-2 (bib)	journal-article	Variable neighborhood search	6	0	6	10	2874
10.1007/978-3-319-26580-3 (bib)	book	Scheduling	6	0	6	0	299
10.1016/j.cor.2008.11.012 (bib)	journal-article	Sequencing surgical cases in a day-care environment: An exact branch-and-price approach	6	0	6	28	117
10.1016/s0377-2217(99)00494-4 (bib)	journal-article	A new LP-based lower bound for the cumulative scheduling problem	6	2	4	16	17
10.1016/0004-3702(86)90083-4 (bib)	journal-article	Arc and path consistency revisited	6	0	6	8	348
10.1016/s0377-2217(01)00338-1 (bib)	journal-article	Job-shop scheduling with blocking and no-wait constraints	6	0	6	40	323
10.1287/opre.2013.1248 (bib)	journal-article	Combinatorial Benders’ Cuts for the Strip Packing Problem	6	4	2	41	74
10.1007/978-3-642-23786-7 23 (bib)	book-chapter	Half Reification and Flattening	6	2	4	17	15
10.1016/0167-6377(93)90002-x (bib)	journal-article	The integer L-shaped method for stochastic integer programs with complete recourse	6	0	6	16	488
10.1007/978-3-540-48085-3 19 (bib)	book-chapter	A Framework for Constraint Programming Based Column Generation	6	2	4	15	37
10.1016/j.cie.2009.01.005 (bib)	journal-article	Scheduling an operating theatre under human resource constraints	6	0	6	19	107
10.1016/j.ejor.2013.02.042 (bib)	journal-article	Parallel machine scheduling with additional resources: Notation, classification, models and solution methods	6	1	5	64	115
10.1002/nav.20482 (bib)	journal-article	Benders’ cuts guided large neighborhood search for the traveling umpire problem	6	4	2	26	14
10.1287/ijoc.1080.0307 (bib)	journal-article	A Constraint Programming Approach for Solving a Queueing Design and Control Problem	6	3	3	21	12
10.1287/opre.8.4.487 (bib)	journal-article	Algorithms for Solving Production-Scheduling Problems	6	0	6	0	510
10.1016/j.cor.2007.02.019 (bib)	journal-article	A new particle swarm optimization for the open shop scheduling problem	6	0	6	27	122
10.1109/samos.2016.7818373 (bib)	proceedings-article	A hybrid approach for mapping and scheduling on heterogeneous multicore systems	6	5	1	20	3
10.1016/j.cor.2010.08.012 (bib)	journal-article	A bilevel decomposition algorithm for simultaneous production scheduling and conflict-free routing for automated guided vehicles	6	5	1	26	89
10.1287/mnsc.20.5.822 (bib)	journal-article	Multicommodity Distribution System Design by Benders Decomposition	6	0	6	0	788

Table 99: Missing Work

DOI	Type	Title	Nr Links	Nr References	Nr Citations	Crossref References	Crossref Citations
10.1007/11493853 20 (bib)	book-chapter	Combining Arc-Consistency and Dual Lagrangean Relaxation for Filtering CSPs	6	5	1	20	8
10.1007/11493853 17 (bib)	book-chapter	Improving the Cooperation Between the Master Problem and the Subproblem in Constraint Programming Based Column Generation	6	1	5	19	11
10.1007/11493853 12 (bib)	book-chapter	Constraint Programming Based Column Generation for Employee Timetabling	6	1	5	12	20
10.1021/ie970927g (bib)	journal-article	Effective Continuous-Time Formulation for Short-Term Scheduling. 1. Multipurpose Batch Processes	6	0	6	14	422
10.1016/j.cor.2008.08.013 (bib)	journal-article	Solving an integrated employee timetabling and job-shop scheduling problem via hybrid branch-and-bound	6	3	3	30	39
10.1201/9780203489802 (bib)	book	Handbook of Scheduling	6	0	6	0	226
10.1007/3-540-45349-0 6 (bib)	book-chapter	Global Constraints as Graph Properties on a Structured Network of Elementary Constraints of the Same Type	6	3	3	17	45
10.1007/s10601-006-9003-7 (bib)	journal-article	A Cost-Regular Based Hybrid Column Generation Approach	6	0	6	27	71
10.1007/978-3-642-19754-3 23 (bib)	book-chapter	An Approximative Criterion for the Potential of Energetic Reasoning	6	2	4	8	6
10.1007/978-3-319-93031-2 28 (bib)	book-chapter	Objective Landscapes for Constraint Programming	6	4	2	14	2
10.1016/j.compchemeng.2005.12.014 (bib)	journal-article	An efficient MILP model for the short-term scheduling of single stage batch plants	6	4	2	26	49
10.1016/s0377-2217(02)00136-4 (bib)	journal-article	A branch-and-bound procedure for the multi-mode resource-constrained project scheduling problem with minimum and maximum time lags	6	0	6	26	85
10.1007/978-3-540-74970-7 15 (bib)	book-chapter	A Generic Geometrical Constraint Kernel in Space and Time for Handling Polymorphic k-Dimensional Objects	6	3	3	12	22
10.1016/0004-3702(87)90002-6 (bib)	journal-article	Network-based heuristics for constraint-satisfaction problems	6	0	6	38	384
10.1016/j.ejor.2015.01.032 (bib)	journal-article	An object-coding genetic algorithm for integrated process planning and scheduling	6	0	6	48	81
10.1016/j.apm.2016.01.006 (bib)	journal-article	Parallel machine scheduling with tool loading	6	4	2	30	30
10.1007/s10951-010-0222-9 (bib)	journal-article	A survey of problems, solution techniques, and future challenges in scheduling semiconductor manufacturing operations	6	0	6	120	297
10.1007/3-540-45628-7 19 (bib)	book-chapter	Constraint Logic Programming	6	6	0	84	8
10.1007/978-3-030-78230-6 3 (bib)	book-chapter	Strengthening of Feasibility Cuts in Logic-Based Benders Decomposition	6	6	0	20	2
10.1016/j.ces.2015.05.021 (bib)	journal-article	On the solution of large-scale mixed integer programming scheduling models	6	6	0	76	20
10.3390/pr5040069 (bib)	journal-article	A General State-Space Formulation for Online Scheduling	6	6	0	83	25
10.1007/978-3-319-98977-8 8 (bib)	book-chapter	The Four-Level Model of Planning and Decision Making	6	6	0	151	9
10.1007/0-387-32942-0 3 (bib)	book-chapter	Logic-Based Modeling	6	6	0	40	0
10.1016/j.cor.2022.105916 (bib)	journal-article	Logic-based Benders decomposition with a partial assignment acceleration technique for avionics scheduling	6	6	0	42	5
10.1007/978-3-642-14309-0 4 (bib)	book-chapter	Constraint Logic Programming	6	6	0	141	7
10.1002/aic.11972 (bib)	journal-article	Efficient optimization strategies with constraint programming	6	6	0	26	3
10.1109/codit.2013.6689654 (bib)	proceedings-article	Permutation flowshop problem with time lags scheduling by logic-based Benders decomposition	6	6	0	13	0
10.1007/978-1-4419-1644-0 5 (bib)	book-chapter	Hybrid Solving Techniques	6	6	0	32	0
10.1080/23302674.2023.2221072 (bib)	journal-article	Solving the flexible job shop scheduling and lot streaming problem with setup and transport resource constraints	6	6	0	66	2
10.1016/j.cie.2021.107542 (bib)	journal-article	The generalized flexible job shop scheduling problem	6	6	0	59	12
10.1016/j.cie.2022.108760 (bib)	journal-article	Scheduling and batching with evolutionary algorithms in simulation-optimization of an industrial formulation plant	6	6	0	62	6
10.1016/j.procs.2022.01.366 (bib)	journal-article	Flexible job-shop scheduling with release dates, deadlines and sequence dependent setup times: a real-world case	6	6	0	34	4
10.1007/978-3-030-02538-0 5 (bib)	book-chapter	Solution Approach	6	6	0	30	0
10.1007/s11590-014-0761-7 (bib)	journal-article	Upper and lower bounds for the permutation flowshop scheduling problem with minimal time lags	6	6	0	20	11
10.1002/9781118033036.refs (bib)	other	References	6	6	0	253	0
10.1145/3332373 (bib)	journal-article	Combinatorial Register Allocation and Instruction Scheduling	6	6	0	100	13
10.1007/s10951-006-8596-4 (bib)	journal-article	A case study of mutual routing-scheduling reformulation	6	6	0	28	3
10.1007/3-540-45746-1 11 (bib)	book-chapter	Ensuring the Satisfaction of Structural Constraints	6	6	0	197	1
10.1007/s10479-011-0962-8 (bib)	journal-article	A decomposition approach for solving a broadcast domination network design problem	6	6	0	38	5
10.1109/icmet.2010.5598388 (bib)	proceedings-article	Multi-objective planning and scheduling	6	6	0	11	0
10.1145/3200920 (bib)	journal-article	Survey on Combinatorial Register Allocation and Instruction Scheduling	6	6	0	154	7

Table 99: Missing Work

DOI	Type	Title	Nr Links	Nr References	Nr Citations	Crossref References	Crossref Citations
10.1007/s12008-023-01414-5 (bib)	journal-article	New formulation for scheduling flexible flow shop problems	6	6	0	67	0
10.1111/itor.13108 (bib)	journal-article	Shop scheduling in manufacturing environments: a review	6	6	0	425	8
10.1007/s10479-010-0737-7 (bib)	journal-article	Local search and constraint programming for the post enrolment-based course timetabling problem	6	6	0	28	45
10.1016/j.cor.2011.04.006 (bib)	journal-article	A cutting plane approach for integrated planning and scheduling	6	6	0	28	17
10.1016/b978-0-12-409547-2.14341-0 (bib)	book-chapter	Chemical Production Scheduling	6	6	0	104	1
10.1007/0-387-27744-7 7 (bib)	book-chapter	Constraint-Based Random Search for Solving Spacecraft Downlink Scheduling Problems	6	6	0	19	3
10.1007/s10951-016-0489-6 (bib)	journal-article	Scheduling operating rooms: achievements, challenges and pitfalls	5	1	4	283	143
10.1109/tits.2022.3155072 (bib)	journal-article	The Drone Scheduling Problem: A Systematic State-of-the-Art Review	5	3	2	179	47
10.1007/978-3-319-33954-2 5 (bib)	book-chapter	Logic-Based Decomposition Methods for the Travelling Purchaser Problem	5	4	1	27	3
10.1016/b978-155860890-0/50017-7 (bib)	book-chapter	Bibliography	5	4	1	303	1
10.1007/s10729-007-9019-6 (bib)	journal-article	Surgical block scheduling in a system of hospitals: an application to resource and wait list management in a British Columbia health authority	5	0	5	15	114
10.1007/s10601-008-9041-4 (bib)	journal-article	The Design of the Zinc Modelling Language	5	0	5	30	85
10.1016/s0377-2217(02)00205-9 (bib)	journal-article	A knowledge-based evolutionary strategy for scheduling problems with bottlenecks	5	4	1	26	67
10.1007/bfb0033845 (bib)	book-chapter	An open-ended finite domain constraint solver	5	2	3	29	142
10.1016/j.compchemeng.2007.06.012 (bib)	journal-article	Batch selection, assignment and sequencing in multi-stage multi-product processes	5	3	2	31	59
10.1007/978-3-319-44953-1 4 (bib)	book-chapter	Improved Linearization of Constraint Programming Models	5	2	3	28	18
10.1109/access.2022.3229709 (bib)	journal-article	A Two-Stage Genetic Artificial Bee Colony Algorithm for Solving Integrated Operating Room Planning and Scheduling Problem With Capacity Constraints of Downstream Wards	5	4	1	70	5
10.1016/j.cor.2009.06.019 (bib)	journal-article	The distributed permutation flowshop scheduling problem	5	0	5	55	390
10.1080/00207543.2010.497174 (bib)	journal-article	A study on open shop scheduling to minimise total tardiness	5	0	5	34	22
10.1007/978-3-319-23219-5 37 (bib)	book-chapter	Power Capping in High Performance Computing Systems	5	3	2	29	21
10.1016/j.orhc.2014.05.003 (bib)	journal-article	Scheduling elective surgeries with sequence-dependent setup times to multiple operating rooms using constraint programming	5	1	4	34	40
10.1007/978-3-642-85983-0 7 (bib)	book-chapter	Applying Constraints for Scheduling	5	2	3	33	16
10.1007/s12351-018-0381-6 (bib)	journal-article	Bounded dynamic programming algorithm for the job shop problem with sequence dependent setup times	5	4	1	30	5
10.1016/j.ejor.2007.10.040 (bib)	journal-article	Project selection, scheduling and resource allocation with time dependent returns	5	2	3	72	90
10.1016/0166-218x(90)90104-k (bib)	journal-article	Formulating the single machine sequencing problem with release dates as a mixed integer program	5	0	5	8	174
10.1145/258916.258933 (bib)	journal-article	Efficient formulation for optimal modulo schedulers	5	0	5	19	20
10.1016/j.ejor.2006.10.060 (bib)	journal-article	A branch-and-price approach for integrating nurse and surgery scheduling	5	1	4	50	124
10.1016/0191-2615(89)90001-5 (bib)	journal-article	The crane scheduling problem	5	0	5	31	288
10.1007/s00291-003-0155-1 (bib)	journal-article	Tight LP bounds for resource constrained project scheduling	5	0	5	0	42
10.1016/j.cherd.2016.10.035 (bib)	journal-article	From rescheduling to online scheduling	5	3	2	109	78
10.1080/00207540802010781 (bib)	journal-article	A scatter search heuristic for maximising the net present value of a resource-constrained project with fixed activity cash flows	5	0	5	34	34
10.1007/s10479-010-0683-4 (bib)	journal-article	Global propagation of side constraints for solving over-constrained problems	5	4	1	29	3
10.1287/opre.43.6.1058 (bib)	journal-article	A Time Window Approach to Simultaneous Scheduling of Machines and Material Handling System in an FMS	5	0	5	0	190
10.1007/s00366-020-01044-5 (bib)	journal-article	Mathematical programming approach to productivity improvement in wind turbine-blade manufacturing through a case study	5	4	1	28	2
10.1016/j.eswa.2011.09.038 (bib)	journal-article	Rule-based modeling and constraint programming based solution of the assembly line balancing problem	5	1	4	43	32
10.1007/s00170-012-4675-1 (bib)	journal-article	Balancing and scheduling of flexible mixed model assembly lines with parallel stations	5	4	1	47	19
10.1007/pl00013356 (bib)	journal-article	Truncated branch-and-bound, schedule-construction, and schedule-improvement procedures for resource-constrained project scheduling	5	0	5	0	48
10.1287/mnsc.28.10.1197 (bib)	journal-article	Resource-Constrained Project Scheduling with Time-Resource Tradeoffs: The Nonpreemptive Case	5	0	5	0	296
10.1016/j.cor.2022.105731 (bib)	journal-article	A survey of job shop scheduling problem: The types and models	5	3	2	345	70
10.1287/mnsc.42.10.1395 (bib)	journal-article	A Branch and Bound Procedure for the Resource Constrained Project Scheduling Problem with Discounted Cash Flows	5	0	5	0	67

Table 99: Missing Work

DOI	Type	Title	Nr Links	Nr References	Nr Citations	Crossref References	Crossref Citations
10.1016/s0098-1354(01)00671-8 (bib)	journal-article	An MILP continuous-time approach to short-term scheduling of resource-constrained multistage flowshop batch facilities	5	0	5	14	172
10.1021/ie900734x (bib)	journal-article	Optimal Short-Term Scheduling of Large-Scale Multistage Batch Plants	5	1	4	22	44
10.1080/03155986.2020.1734901 (bib)	journal-article	A simulated annealing for a daily operating room scheduling problem under constraints of uncertainty and setup	5	4	1	23	4
10.1016/s0305-0548(02)00063-1 (bib)	journal-article	A symbiotic evolutionary algorithm for the integration of process planning and job shop scheduling	5	0	5	34	269
10.1007/3-540-45749-6 11 (bib)	book-chapter	SCIL — Symbolic Constraints in Integer Linear Programming	5	2	3	29	10
10.1016/j.ejor.2018.05.056 (bib)	journal-article	Algorithms for the unrelated parallel machine scheduling problem with a resource constraint	5	1	4	20	44
10.1016/j.ejor.2014.12.030 (bib)	journal-article	A follow-up survey of berth allocation and quay crane scheduling problems in container terminals	5	1	4	148	401
10.1007/s101070100263 (bib)	journal-article	Benchmarking optimization software with performance profiles	5	0	5	0	2804
10.1145/321694.321699 (bib)	journal-article	Theoretical Improvements in Algorithmic Efficiency for Network Flow Problems	5	0	5	7	1563
10.1016/j.ijpe.2007.01.005 (bib)	journal-article	Heuristics for scheduling in a no-wait open shop with movable dedicated machines	5	0	5	22	23
10.1007/s10601-006-6849-7 (bib)	journal-article	Stochastic Constraint Programming: A Scenario-Based Approach	5	0	5	25	60
10.1016/s0377-2217(02)00762-2 (bib)	journal-article	Lower bounds for resource-constrained project scheduling problems	5	1	4	27	54
10.1016/j.ejor.2020.04.050 (bib)	journal-article	An adaptive large neighbourhood search heuristic for routing and scheduling feeder vessels in multi-terminal ports	5	4	1	45	17
10.1016/0305-0548(93)e0016-m (bib)	journal-article	Evolution based learning in a job shop scheduling environment	5	0	5	66	214
10.1002/aic.14021 (bib)	journal-article	Valid Inequalities Based on Demand Propagation for Chemical Production Scheduling MIP Models	5	3	2	50	39
10.1007/11889205 42 (bib)	book-chapter	Compiling Finite Linear CSP into SAT	5	1	4	21	20
10.1080/00207543.2018.1501166 (bib)	journal-article	Mathematical modelling and optimisation of energy-conscious hybrid flow shop scheduling problem with unrelated parallel machines	5	0	5	54	101
10.1016/j.ejor.2019.07.056 (bib)	journal-article	A satisfiability and workload-based exact method for the resource constrained project scheduling problem with generalized precedence constraints	5	4	1	27	8
10.1287/opre.35.2.254 (bib)	journal-article	Algorithms for the Vehicle Routing and Scheduling Problems with Time Window Constraints	5	0	5	0	2729
10.1016/j.disopt.2009.05.004 (bib)	journal-article	Cutting plane algorithms for solving a stochastic edge-partition problem	5	4	1	25	9
10.1016/j.apm.2014.04.012 (bib)	journal-article	Hybrid flexible flowshop problems: Models and solution methods	5	0	5	28	57
10.1016/j.compchemeng.2019.106517 (bib)	journal-article	On the design of online production scheduling algorithms	5	4	1	66	19
10.1007/3-540-45578-7 7 (bib)	book-chapter	Symmetry Breaking	5	0	5	10	82
10.1080/00207543.2013.827806 (bib)	journal-article	Mathematical modelling and a meta-heuristic for flexible job shop scheduling	5	0	5	38	62
10.1007/978-3-319-66158-2 37 (bib)	book-chapter	Branch-and-Check with Explanations for the Vehicle Routing Problem with Time Windows	5	4	1	31	2
10.1016/j.orl.2017.02.001 (bib)	journal-article	On the strength of time-indexed formulations for the resource-constrained project scheduling problem	5	0	5	22	38
10.1111/j.1467-8640.2005.00278.x (bib)	journal-article	APPLYING MACHINE LEARNING TO LOW-KNOWLEDGE CONTROL OF OPTIMIZATION ALGORITHMS	5	2	3	22	39
10.1007/s001860200251 (bib)	journal-article	Project scheduling with inventory constraints	5	0	5	0	72
10.1007/s10951-008-0067-7 (bib)	journal-article	Job shop scheduling with setup times, deadlines and precedence constraints	5	1	4	14	63
10.1016/j.ijpe.2014.06.011 (bib)	journal-article	Modeling and scheduling no-wait open shop problems	5	0	5	29	24
10.1080/00207543.2018.1476786 (bib)	journal-article	A realistic multi-manned five-sided mixed-model assembly line balancing and scheduling problem with moving workers and limited workspace	5	2	3	54	33
10.1287/ijoc.13.2.96.10515 (bib)	journal-article	Representations of the all different Predicate of Constraint Satisfaction in Integer Programming	5	2	3	20	30
10.1145/361219.361224 (bib)	journal-article	Backtrack programming techniques	5	0	5	23	171
10.1016/j.ejor.2010.06.002 (bib)	journal-article	MIP-based decomposition strategies for large-scale scheduling problems in multiproduct multistage batch plants: A benchmark scheduling problem of the pharmaceutical industry	5	0	5	26	84
10.1007/3-540-45349-0 15 (bib)	book-chapter	Cutting Planes in Constraint Programming: An Hybrid Approach	5	1	4	23	17
10.1002/(sici)1099-1425(200001/02)3:1;3::aid-jos32i3.0.co;2-y (bib)	journal-article	Effective neighbourhood functions for the flexible job shop problem	5	0	5	28	299
10.1109/tsmcc.2007.900661 (bib)	journal-article	Improving Robustness of Spacecraft Downlink Schedules	5	3	2	8	10

Table 99: Missing Work

DOI	Type	Title	Nr Links	Nr References	Nr Citations	Crossref References	Crossref Citations
10.1007/s10479-008-0383-5 (bib)	journal-article	On the separability of subproblems in Benders decompositions	5	4	1	18	1
10.1016/j.compchemeng.2011.02.014 (bib)	journal-article	A novel optimization method to automated wet-etch station scheduling in semiconductor manufacturing systems	5	4	1	37	18
10.1016/s1571-0653(04)00002-2 (bib)	journal-article	Solving TSP through the Integration of OR and CP Techniques	5	0	5	13	18
10.1016/j.compchemeng.2004.05.002 (bib)	journal-article	Continuous-time versus discrete-time approaches for scheduling of chemical processes: a review	5	0	5	121	526
10.1007/978-3-319-10428-7 32 (bib)	book-chapter	CIP and MIQP Models for the Load Balancing Nurse-to-Patient Assignment Problem	5	4	1	28	3
10.1016/j.ejor.2009.05.031 (bib)	journal-article	A survey of berth allocation and quay crane scheduling problems in container terminals	5	0	5	114	598
10.1016/s0925-5273(03)00087-2 (bib)	journal-article	Operating theatre planning	5	0	5	21	208
10.1080/0305215x.2020.1786081 (bib)	journal-article	Constraint programming approach for multi-objective two-sided assembly line balancing problem with multi-operator stations	5	4	1	39	12
10.1007/978-3-319-05443-8 21 (bib)	book-chapter	Overview and State of the Art	5	2	3	135	15
10.1007/978-3-642-21311-3 19 (bib)	book-chapter	Almost Square Packing	5	4	1	20	3
10.1016/0098-1354(93)80015-f (bib)	journal-article	A general algorithm for short-term scheduling of batch operations—I. MILP formulation	5	0	5	16	959
10.1016/j.cie.2009.04.019 (bib)	journal-article	Operating theatre scheduling with patient recovery in both operating rooms and recovery beds	5	0	5	16	91
10.1007/978-1-4614-1900-6 (bib)	book	Integrated Methods for Optimization	5	0	5	0	45
10.1080/00207543.2014.980463 (bib)	journal-article	A new scheduling technique for the resource-constrained project scheduling problem with discounted cash flows	5	3	2	30	38
10.1145/1065887.1065889 (bib)	journal-article	When do bounds and domain propagation lead to the same search space?	5	2	3	25	18
10.1016/j.ejor.2015.04.008 (bib)	journal-article	Surgical scheduling with simultaneous employment of specialised human resources	5	0	5	35	37
10.1016/j.eswa.2022.117529 (bib)	journal-article	Two-sided disassembly line balancing problem with sequence-dependent setup time: A constraint programming model and artificial bee colony algorithm	5	4	1	52	11
10.1021/ie00048a015 (bib)	journal-article	A Continuous Time Mixed Integer Linear Programming Model for Short Term Scheduling of Multistage Batch Plants	5	0	5	0	249
10.1080/0305215x.2020.1716746 (bib)	journal-article	Balancing stochastic type-II assembly lines: chance-constrained mixed integer and constraint programming models	5	4	1	36	9
10.1023/b:anor.0000030682.25673.c0 (bib)	journal-article	Scheduling Malleable Tasks on Parallel Processors to Minimize the Makespan	5	0	5	0	53
10.1016/j.ejor.2016.08.041 (bib)	journal-article	A generalized classification scheme for crane scheduling with interference	5	1	4	130	94
10.1080/00207543.2019.1579934 (bib)	journal-article	Job shop scheduling with the option of jobs outsourcing	5	4	1	40	13
10.1016/s0191-2615(02)00045-0 (bib)	journal-article	A tabu search heuristic for the static multi-vehicle dial-a-ride problem	5	0	5	30	475
10.1007/s11590-013-0692-8 (bib)	journal-article	Branch-and-price approach for the multi-skill project scheduling problem	5	3	2	34	41
10.1007/s10878-018-0322-6 (bib)	journal-article	Operating room planning and surgical case scheduling: a review of literature	5	3	2	236	119
10.1016/j.ejor.2005.09.034 (bib)	journal-article	Computing redundant resources for the resource constrained project scheduling problem	5	3	2	20	29
10.1155/2014/917685 (bib)	journal-article	A Constraint Programming Method for Advanced Planning and Scheduling System with Multilevel Structured Products	5	4	1	17	4
10.1007/978-3-642-33558-7 4 (bib)	book-chapter	A Generic Method for Identifying and Exploiting Dominance Relations	5	3	2	27	5
10.1016/j.cor.2022.106136 (bib)	journal-article	A branch-and-price-and-cut algorithm for operating room scheduling under human resource constraints	5	4	1	35	8
10.1287/inte.1090.0492 (bib)	journal-article	A Review of Operations Research in Mine Planning	5	0	5	110	250
10.1007/3-540-61551-2 68 (bib)	book-chapter	Speeding up constraint propagation by redundant modeling	5	2	3	22	19
10.1007/978-3-319-93031-2 30 (bib)	book-chapter	Modelling and Solving the Senior Transportation Problem	5	2	3	11	9
10.1016/j.omega.2020.102311 (bib)	journal-article	Just-in-time two-dimensional bin packing	5	3	2	46	17
10.1007/978-3-540-74970-7 48 (bib)	book-chapter	On Universal Restart Strategies for Backtracking Search	5	0	5	17	8
10.1287/ijoc.8.3.302 (bib)	journal-article	Job Shop Scheduling by Local Search	5	0	5	0	139
10.1002/9781118627372 (bib)	monograph	Integer and Combinatorial Optimization	5	0	5	0	2488
10.1287/ijoc.1040.0121 (bib)	journal-article	A Branch-and-Cut Procedure for the Multimode Resource-Constrained Project-Scheduling Problem	5	0	5	23	85
10.1007/0-387-27744-7 1 (bib)	book-chapter	Is Scheduling a Solved Problem?	5	4	1	88	16
10.1002/9783527631209.ch40 (bib)	other	Production Planning in Process Systems Engineering	5	5	0	75	0
10.1080/00207543.2023.2245918 (bib)	journal-article	Makespan estimation in a flexible job-shop scheduling environment using machine learning	5	5	0	48	3
10.1016/j.ejor.2023.05.017 (bib)	journal-article	The flexible job shop scheduling problem: A review	5	5	0	220	8
10.1145/2491845.2491847 (bib)	proceedings-article	The constraint of difference and total dual integrality	5	5	0	26	1

Table 99: Missing Work

DOI	Type	Title	Nr Links	Nr References	Nr Citations	Crossref References	Crossref Citations
10.3390/math9151730 (bib)	journal-article	A Bender's Algorithm of Decomposition Used for the Parallel Machine Problem of Robotic Cell	5	5	0	41	3
10.1016/j.swevo.2022.101149 (bib)	journal-article	A novel BRKGA for the customer order scheduling with missing operations to minimize total tardiness	5	5	0	62	2
10.1016/j.artint.2023.103974 (bib)	journal-article	Automatic generation of dominance breaking nogoods for a class of constraint optimization problems	5	5	0	70	0
10.1007/s00500-021-05602-x (bib)	journal-article	General resource-constrained assembly line balancing problem: conjunction normal form based constraint programming models	5	5	0	27	9
10.1007/978-3-319-05443-8 2 (bib)	book-chapter	Mixed-Integer Linear Programming Formulations	5	5	0	36	25
10.1007/978-3-662-04363-9 8 (bib)	book-chapter	Scheduling in Job Shops	5	5	0	126	0
10.1016/j.procs.2022.12.301 (bib)	journal-article	Solving large scale industrial production scheduling problems with complex constraints: an overview of the state-of-the-art	5	5	0	45	2
10.1109/ssci.2018.8628827 (bib)	proceedings-article	Dispatching Rules Revisited-A Large Scale Job Shop Scheduling Experiment	5	5	0	29	1
10.35378/gujs.681151 (bib)	journal-article	Minimization of Number of Tool Switching Instants in Automated Manufacturing Systems	5	5	0	30	0
10.1016/j.tre.2022.102949 (bib)	journal-article	An exact algorithm for scheduling tandem quay crane operations in container terminals	5	5	0	47	6
10.1287/ijoc.2020.1036 (bib)	journal-article	Logic-Based Benders Decomposition and Binary Decision Diagram Based Approaches for Stochastic Distributed Operating Room Scheduling	5	5	0	43	4
10.1016/j.compchemeng.2017.12.003 (bib)	journal-article	Combining the advantages of discrete- and continuous-time scheduling models: Part 1. Framework and mathematical formulations	5	5	0	66	39
10.1007/978-3-540-32220-7 13 (bib)	book-chapter	Constraint Programming and Disjunctive Scheduling	5	5	0	63	0
10.1007/s11590-011-0320-4 (bib)	journal-article	Polyhedral modeling and solution approaches using algebraic modeling systems	5	5	0	53	28
10.1002/aic.10617 (bib)	journal-article	Enterprise-wide optimization: A new frontier in process systems engineering	5	5	0	86	412
10.1007/978-3-540-24664-0 7 (bib)	book-chapter	SAT-Based Branch and Bound and Optimal Control of Hybrid Dynamical Systems	5	5	0	23	3
10.1080/00207543.2022.2139002 (bib)	journal-article	Dynamic allocation of human resources: case study in the metal 4.0 manufacturing industry	5	5	0	49	2
10.1080/00207543.2023.2226772 (bib)	journal-article	A constraint programming approach to a real-world workforce scheduling problem for multi-manned assembly lines with sequence-dependent setup times	5	5	0	46	3
10.1007/s10479-022-04686-4 (bib)	journal-article	Stochastic weekly operating room planning with an exponential number of scenarios	5	5	0	46	11
10.1007/s10601-017-9269-y (bib)	journal-article	Efficient filtering for the Resource-Cost AllDifferent constraint	5	5	0	33	0
10.1109/access.2021.3057366 (bib)	journal-article	An Immune Genetic Algorithm for Solving NPV-Based Resource Constrained Project Scheduling Problem	5	5	0	100	23
10.1016/s0743-1066(99)00063-1 (bib)	journal-article	Introduction to the constraint language NCL	5	5	0	42	10
10.1016/j.asoc.2021.108262 (bib)	journal-article	Novel hybrid discrete differential evolution algorithm for the multi-stage multi-purpose batch plant scheduling problem	5	5	0	52	4
10.1002/9783527631278.ch9 (bib)	other	Production Planning in Process Systems Engineering	5	5	0	75	0
10.1016/j.cor.2021.105603 (bib)	journal-article	Assembly planning by disjunctive programming and geometrical reasoning	5	5	0	42	0
10.1016/j.cor.2017.09.017 (bib)	journal-article	A guided local search with iterative ejections of bottleneck operations for the job shop scheduling problem	5	5	0	25	17
10.1007/s10107-010-0390-6 (bib)	journal-article	A polyhedral approach to the alldifferent system	5	5	0	32	9
10.1007/s40747-021-00601-9 (bib)	journal-article	Decomposition approaches for parallel machine scheduling of step-deteriorating jobs to minimize total tardiness and energy consumption	5	5	0	58	1
10.1007/s10472-016-9522-x (bib)	journal-article	Submodularity and its application to some global constraints	5	5	0	25	1
10.1007/978-0-387-74759-0 398 (bib)	book-chapter	Modeling Difficult Optimization Problems	5	5	0	39	6
10.1007/978-3-030-58475-7 44 (bib)	book-chapter	The Confidence Constraint: A Step Towards Stochastic CP Solvers	5	5	0	20	0
10.1080/09537287.2010.543563 (bib)	journal-article	Advanced planning and scheduling technology	5	5	0	27	30
10.1134/s0040579514050182 (bib)	journal-article	Challenges in the application of mathematical programming in the enterprise-wide optimization of process industries	5	5	0	150	26
10.1002/9780470611050.ch9 (bib)	other	Shop Scheduling with Multiple Resources	5	5	0	113	0
10.1007/s10951-022-00750-w (bib)	journal-article	Packing-based branch-and-bound for discrete malleable task scheduling	5	5	0	40	2
10.1007/978-0-387-88617-6 1 (bib)	book-chapter	Challenges in Enterprise Wide Optimization for the Process Industries	5	5	0	237	8
10.1109/tac.2006.876949 (bib)	journal-article	Logic-Based Solution Methods for Optimal Control of Hybrid Systems	5	5	0	49	47
10.1007/s00500-023-09105-9 (bib)	journal-article	Balancing of cost-oriented U-type general resource-constrained assembly line: new constraint programming models	5	5	0	42	0
10.1051/ro:2007004 (bib)	journal-article	Des explications pour reconnaître et exploiter les structures cachées d'un problème combinatoire	5	5	0	26	0

Table 99: Missing Work

DOI	Type	Title	Nr Links	Nr References	Nr Citations	Crossref References	Crossref Citations
10.1007/978-3-642-27660-6_49 (bib)	book-chapter	MAK€– A System for Modelling, Optimising, and Analyzing Production in Small and Medium Enterprises	5	5	0	20	1
10.1007/s12351-021-00663-0 (bib)	journal-article	Decomposition algorithm for the multi-trip single vehicle routing problem with AND-type precedence constraints	5	5	0	53	1
10.1016/j.cie.2022.108201 (bib)	journal-article	A comparative study of modeling and solution approaches for the multi-mode resource-constrained discrete time–cost trade-off problem: Case study of an ERP implementation project	5	5	0	80	4
10.1080/0951192x.2012.688141 (bib)	journal-article	Multi-site scheduling under production and transportation constraints	5	5	0	49	13
10.1007/978-3-642-00675-3_3 (bib)	book-chapter	Efficient Edge-Finding on Unary Resources with Optional Activities	5	5	0	8	0
10.1007/s10601-006-9002-8 (bib)	journal-article	Identifying and Exploiting Problem Structures Using Explanation-based Constraint Programming	5	5	0	26	9
10.1021/ie200841a (bib)	journal-article	Hybrid Mathematical Programming Discrete-Event Simulation Approach for Large-Scale Scheduling Problems	5	5	0	45	27
10.1155/2016/5102616 (bib)	journal-article	A Hybrid Programming Framework for Modeling and Solving Constraint Satisfaction and Optimization Problems	5	5	0	15	39
10.36306/konjes.589835 (bib)	journal-article	KISIT PROGRAMLAMA VE HEDEF PROGRAMLAMA ENTEGRASYONU İLE VARDİYA ÇİZELGELEMESİ: HİDROELEKTRİK SANTRAL UYGULAMASI	5	5	0	48	2
10.1016/s1574-6526(06)80029-5 (bib)	book-chapter	Constraint Applications in Networks	5	5	0	72	12
10.3390/app10248887 (bib)	journal-article	Two-Stage Optimization Model for Life Cycle Maintenance Scheduling of Bridge Infrastructure	5	5	0	60	3

I Missing DOI

The following works do not have a DOI entry in their bib entry. This might be due to an non-standard or defunct publisher, but for many works a DOI should exist. It would be helpful to add these to the bib entries, so that the OpenCitation and Crossref lookup procedures can report the appropriate numbers for citations and references.

Table 100: Works from bibtex (Total 70)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
Arkhipov19 Arkhipov19	D. Arkhipov	Planification socio-responsable du travail dans les chaînes de montage d'aéronefs : comment satisfaire à la fois objectifs ergonomiques et économiques	No	[30]	2019	Toulouse 3	null	0	0	No	n/a
Astrand21 Astrand21	M. Åstrand	Short-term Underground Mine Scheduling: An Industrial Application of Constraint Programming	Yes	[44]	2021	Royal Institute of Technology, Stockholm, Sweden	142	0	0	3199	n/a
Baptiste02 Baptiste02	P. Baptiste	Résultats de complexité et programmation par contraintes pour l'ordonnancement	Yes	[56]	2002	Université de Technologie de Compiègne	237	0	0	3200	n/a
Bartak14 Bartak14	R. Barták	Planning and Scheduling	No	[68]	2014	Computing Handbook, Third Edition: Computer Science and Software Engineering	null	0	0	No	n/a
Beck06 Beck06	J. Christopher Beck	An Empirical Study of Multi-Point Constructive Search for Constraint-Based Scheduling	Yes	[78]	2006	ICAPS 2006	10	0	0	386	947
Beck99 Beck99	J. Christopher Beck	Texture measurements as a basis for heuristic commitment techniques in constraint-directed scheduling	Yes	[77]	1999	University of Toronto, Canada	418	0	0	3201	n/a
BeckPS03 BeckPS03	J. Christopher Beck, P. Prosser, E. Selensky	Vehicle Routing and Job Shop Scheduling: What's the Difference?	Yes	[87]	2003	ICAPS 2003	10	0	0	389	992
BeckW04 BeckW04	J. Christopher Beck, N. Wilson	Job Shop Scheduling with Probabilistic Durations	Yes	[89]	2004	ECAI 2004	5	0	0	390	979
BeckW05 BeckW05	J. Christopher Beck, N. Wilson	Proactive Algorithms for Scheduling with Probabilistic Durations	Yes	[90]	2005	IJCAI 2005	6	0	0	391	957
BonfiettiM12 BonfiettiM12	A. Bonfietti, M. Milano	A Constraint-based Approach to Cyclic Resource-Constrained Scheduling Problem	Yes	[136]	2012	DC SIAAI 2012	3	0	0	416	869
BoucherBVBL97 BoucherBVBL97	E. Boucher, A. Bachelu, C. Varnier, P. Baptiste, B. Legeard	Multi-criteria Comparison Between Algorithmic, Constraint Logic and Specific Constraint Programming on a Real Scheduling Problem	No	[143]	1997	PACT 1997	18	0	0	No	1030
BreitingerL95 BreitingerL95	S. Breitinger, Hendrik C. R. Lock	Using Constraint Logic Programming for Industrial Scheduling Problems	No	[148]	1995	Logic Programming: Formal Methods and Practical Applications, Studies in Computer Science and Artificial Intelligence	27	0	0	No	n/a
Caballero19 Caballero19	Jordi Coll Caballero	Scheduling Through Logic-Based Tools	Yes	[158]	2019	Universitat de Girona, Spain	194	0	0	3202	n/a
CatusseCBL16 CatusseCBL16	N. Catusse, H. Cambazard, N. Brauner, P. Lemaire, B. Penz, A. Lagrange, P. Rubini	A Branch-and-Price Algorithm for Scheduling Observations on a Telescope	Yes	[175]	2016	IJCAI 2016	7	0	0	431	802
ChuGNSW13 ChuGNSW13	G. Chu, S. Gaspers, N. Narodytska, A. Schutt, T. Walsh	On the Complexity of Global Scheduling Constraints under Structural Restrictions	Yes	[184]	2013	IJCAI 2013	7	0	0	436	853
Clerc12 Clercq12	Alexis De Clercq	Ordonnancement cumulatif avec dépassements de capacité : Contrainte globale et décompositions	Yes	[210]	2012	Ecole des Mines de Nantes	196	0	0	3203	n/a

Table 100: Works from bibtex (Total 70)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
Dejemeppe16 Dejemeppe16	C. Dejemeppe	Constraint programming algorithms and models for scheduling applications	Yes	[213]	2016	Catholic University of Louvain, Louvain-la-Neuve, Belgium	274	0	0	3204	n/a
Demasse03 Demasse03	S. Demasse	Méthodes hybrides de programmation par contraintes et programmation linéaire pour le problème d'ordonnancement de projet à contraintes de ressources. (Hybrid Constraint Programming-Integer Linear Programming approaches for the Resource-Constrained Project Scheduling Problem)	Yes	[216]	2003	University of Avignon, France	148	0	0	3205	n/a
Derrien15 Derrien15	A. Derrien	Ordonnancement cumulatif en programmation par contraintes : caractérisation énergétique des raisonnements et solutions robustes. (Cumulative scheduling in constraint programming : energetic characterization of reasoning and robust solutions)	Yes	[219]	2015	École des mines de Nantes, France	113	0	0	3206	n/a
DincbasHSAGB88 DincbasHSAGB88 DincbasS91 DincbasS91	M. Dincbas, Pascal Van Hentenryck, H. Simonis, A. Aggoun, T. Graf, F. Berthier M. Dincbas, H. Simonis	The Constraint Logic Programming Language CHIP Apache-a constraint based, automated stand allocation system	Yes Yes	[224] [225]	1988 1991	FGCS 1988 ASTAIR 1991	10 13	0 0	0 0	No 453	n/a 1046
Elkhyari03 Elkhyari03	A. Elkhyari	Outils d'aide à la décision pour des problèmes d'ordonnancement dynamiques	Yes	[240]	2003	Université de Nantes	333	0	0	3207	n/a
EvenSH15a EvenSH15a	C. Even, A. Schutt, Pascal Van Hentenryck	A Constraint Programming Approach for Non-Preemptive Evacuation Scheduling	Yes	[251]	2015	CoRR	16	0	0	1470	1844
Fahimi16 Fahimi16	H. Fahimi	Efficient algorithms to solve scheduling problems with a variety of optimization criteria	Yes	[253]	2016	Université Laval, Quebec, Canada	120	0	0	3208	n/a
FocacciLN00 FocacciLN00	F. Focacci, P. Laborie, W. Nuijten	Solving Scheduling Problems with Setup Times and Alternative Resources	Yes	[264]	2000	AIPS 2000	10	0	0	463	1018
FoxAS82 FoxAS82	Mark S. Fox, Bradley P. Allen, G. Strohm	Job-Shop Scheduling: An Investigation in Constraint-Directed Reasoning	Yes	[269]	1982	AAAI 1982	4	0	0	466	1049
FoxS90 FoxS90	Mark S. Fox, Norman M. Sadeh	Why is Scheduling Difficult? A CSP Perspective	Yes	[270]	1990	ECAI 1990	14	0	0	467	1048
FrankK03 FrankK03	J. Frank, E. Kürklü	SOFIA's Choice: Scheduling Observations for an Airborne Observatory	Yes	[272]	2003	ICAPS 2003	10	0	0	469	995
Froger16 Froger16	A. Froger	Maintenance scheduling in the electricity industry : a particular focus on a problem rising in the onshore wind industry	Yes	[276]	2016	Université d'Angers	181	0	0	3209	n/a
German18 German18	G. German	Constraint programming for lot-sizing problems	Yes	[297]	2018	Université Grenoble Alpes	112	0	0	3210	n/a
GingrasQ16 GingrasQ16	V. Gingras, C. Quimper	Generalizing the Edge-Finder Rule for the Cumulative Constraint	Yes	[301]	2016	IJCAI 2016	7	0	0	487	807
GodardLN05 GodardLN05	D. Godard, P. Laborie, W. Nuijten	Randomized Large Neighborhood Search for Cumulative Scheduling	Yes	[302]	2005	ICAPS 2005	9	0	0	488	966
Godet21a Godet21a	A. Godet	Sur le tri de tâches pour résoudre des problèmes d'ordonnancement avec la programmation par contraintes. (On the use of tasks ordering to solve scheduling problems with constraint programming)	Yes	[303]	2021	IMT Atlantique Bretagne Pays de la Loire, Brest, France	168	0	0	3211	n/a
GomesHS06 GomesHS06	Carla P. Gomes, Willem-Jan van Hoeve, B. Selman	Constraint Programming for Distributed Planning and Scheduling	Yes	[313]	2006	AAAI 2006	2	0	0	493	949
Groleaz21 Groleaz21	L. Groleaz	The Group Cumulative Scheduling Problem	Yes	[322]	2021	Université de Lyon	153	0	0	3212	n/a
HoeveGSL07 HoeveGSL07	Willem-Jan van Hoeve, Carla P. Gomes, B. Selman, M. Lombardi	Optimal Multi-Agent Scheduling with Constraint Programming	Yes	[736]	2007	AAAI 2007	6	0	0	515	939
JourdanFRD94 JourdanFRD94	J. Jourdan, F. Fages, D. Rozzonelli, A. Demeure	Data Alignment and Task Scheduling On Parallel Machines Using Concurrent Constraint Model-based Programming	No	[404]	1994	ILPS 1994	1	0	0	No	1042

Table 100: Works from bibtex (Total 70)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
Kameugne14 Kameugne14	R. Kameugne	Techniques de Propagation de la Contrainte de Ressource en Ordonnancement Cumulatif	Yes	[412]	2014	University of Yaounde I, Cameroon	139	0	0	3213	n/a
Layfield02 Layfield02	Colin J. Layfield	A constraint programming pre-processor for duty scheduling	Yes	[462]	2002	University of Leeds, UK	230	0	0	3214	n/a
Lemos21 Lemos21	Alexandre Duarte de Almeida Lemos	Solving scheduling problems under disruptions	Yes	[463]	2021	UNIVERSIDADE DE LISBOA INSTITUTO SUPERIOR TÉCNICO	188	0	0	3215	n/a
Letort13 Letort13	A. Letort	Passage à l'échelle pour les contraintes d'ordonnancement multi-ressources	Yes	[464]	2013	Ecole des Mines de Nantes	132	0	0	3216	n/a
Lombardi10 Lombardi10	M. Lombardi	Hybrid Methods for Resource Allocation and Scheduling Problems in Deterministic and Stochastic Environments	Yes	[482]	2010	University of Bologna, Italy	175	0	0	3217	n/a
Lunardi20 Lunardi20	Willian Tessaro Lunardi	A Real-World Flexible Job Shop Scheduling Problem With Sequencing Flexibility: Mathematical Programming, Constraint Programming, and Metaheuristics	Yes	[501]	2020	University of Luxembourg, Luxembourg City, Luxembourg	181	0	0	3218	n/a
LuoVLBM16 LuoVLBM16	R. Luo, Richard Anthony Valenzano, Y. Li, J. Christopher Beck, Sheila A. McIlraith	Using Metric Temporal Logic to Specify Scheduling Problems	Yes	[502]	2016	KR 2016	4	0	0	572	811
Malapert11 Malapert11	A. Malapert	Techniques d'ordonnancement d'atelier et de fournées basées sur la programmation par contraintes. (Shop and batch scheduling with constraints)	Yes	[509]	2011	École des mines de Nantes, France	194	0	0	3219	n/a
Malik08 Malik08	Abid M. Malik	Constraint Programming Techniques for Optimal Instruction Scheduling	Yes	[513]	2008	University of Waterloo, Ontario, Canada	151	0	0	3220	n/a
Menana11 Menana11	J. Menana	Automates et programmation par contraintes pour la planification de personnel. (Automata and Constraint Programming for Personnel Scheduling Problems)	Yes	[524]	2011	University of Nantes, France	148	0	0	3221	n/a
MoffittPP05 MoffittPP05	Michael D. Moffitt, B. Peintner, Martha E. Pollack	Augmenting Disjunctive Temporal Problems with Finite-Domain Constraints	Yes	[538]	2005	AAAI 2005	6	0	0	582	971
Nattaf16 Nattaf16	M. Nattaf	Ordonnancement sous contraintes d'énergie	Yes	[559]	2016	UPS Toulouse - Université Toulouse 3 Paul Sabatier	199	0	0	3222	n/a
NuijtenA94 NuijtenA94	W. Nuijten, E. Aarts	Constraint Satisfaction for Multiple Capacitated Job Shop Scheduling	Yes	[576]	1994	ECAI 1994	5	0	0	595	1043
PapeB97 PapeB97	Claude Le Pape, P. Baptiste	A Constraint Programming Library for Preemptive and Non-Preemptive Scheduling	No	[594]	1997	PACT 1997	20	0	0	No	1032
PoderB08 PoderB08	E. Poder, N. Beldiceanu	Filtering for a Continuous Multi-Resources cumulative Constraint with Resource Consumption and Production	Yes	[607]	2008	ICAPS 2008	8	0	0	606	932
Rodriguez07b Rodriguez07b	J. Rodriguez	A study of the use of state resources in a constraint-based model for routing and scheduling trains	Yes	[635]	2007	Railway Operations Modelling and Analysis 2007	14	0	0	618	945
RodriguezDG02 RodriguezDG02	J. Rodriguez, X. Delorme, X. Gandibleux	Railway infrastructure saturation using constraint programming approach	Yes	[636]	2002	Computers in Railways VIII	10	0	0	1606	1970
RodriguezS09 RodriguezS09	J. Rodriguez, S. Sobieraj	A study of an incremental texture-based heuristic for the train routing and scheduling problem	Yes	[637]	2009	Railway Operations Modelling and Analysis 2009	14	0	0	619	916
SchausD08 SchausD08	P. Schaus, Y. Deville	A Global Constraint for Bin-Packing with Precedences: Application to the Assembly Line Balancing Problem	Yes	[650]	2008	AAAI 2008	6	0	0	622	933

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Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
Schutt11 Schutt11	A. Schutt	Improving Scheduling by Learning	Yes	[655]	2011	University of Melbourne, Australia	209	0	0	3223	n/a
Siala15a Siala15a	M. Siala	Search, propagation, and learning in sequencing and scheduling problems. (Recherche, propagation et apprentissage dans les problèmes de séquençement et d'ordonnancement)	Yes	[673]	2015	INSA Toulouse, France	199	0	0	3224	n/a
Tay92 Tay92	David B. H. Tay	COPS: A Constraint Programming Approach to Resource-Limited Project Scheduling	No	[703]	1992	Comput. J.	null	0	0	No	2020
TranWDRFOVB16 TranWDRFOVB16	Tony T. Tran, Z. Wang, M. Do, Eleanor Gilbert Rieffel, J. Frank, B. O'Gorman, D. Venturelli, J. Christopher Beck	Explorations of Quantum-Classical Approaches to Scheduling a Mars Lander Activity Problem	Yes	[726]	2016	AAAI 2016	9	0	0	659	817
VillaverdeP04 VillaverdeP04	K. Villaverde, E. Pontelli	An Investigation of Scheduling in Distributed Constraint Logic Programming	No	[749]	2004	ISCA 2004	6	0	0	No	990
Wallace94 Wallace94	Mark G. Wallace	Applying Constraints for Scheduling	No	[751]	1994	Constraint Programming 1994	19	0	0	No	1044
Zahout21 Zahout21	B. Zahout	Algorithmes exacts et approchés pour l'ordonnancement des travaux multiresources à intervalles fixes dans des systèmes distribués : approche monocritère et multiagent	Yes	[781]	2021	Université de Tours - LIFAT	185	0	0	3225	n/a
abs-0907-0939 abs-0907-0939	T. Petit, E. Poder	The Soft Cumulative Constraint	Yes	[605]	2009	CoRR	12	0	0	1659	1927
abs-1009-0347 abs-1009-0347	A. Schutt, T. Feydy, Peter J. Stuckey, Mark G. Wallace	Solving the Resource Constrained Project Scheduling Problem with Generalized Precedences by Lazy Clause Generation	Yes	[660]	2010	CoRR	37	0	0	1660	1917
abs-1901-07914 abs-1901-07914	Jan Kristof Behrens, R. Lange, M. Mansouri	A Constraint Programming Approach to Simultaneous Task Allocation and Motion Scheduling for Industrial Dual-Arm Manipulation Tasks	Yes	[95]	2019	CoRR	8	0	0	1661	1793
abs-1902-01193 abs-1902-01193	O. M. Alade, A. O. Amusat	Solving Nurse Scheduling Problem Using Constraint Programming Technique	Yes	[17]	2019	CoRR	9	0	0	1662	1794
abs-1902-09244 abs-1902-09244	Viktoria A. Hauder, A. Beham, S. Raggl, Sophie N. Parragh, M. Affenzeller	On constraint programming for a new flexible project scheduling problem with resource constraints	Yes	[350]	2019	CoRR	62	0	0	1663	1795
abs-1911-04766 abs-1911-04766	T. Geibinger, F. Mischek, N. Musliu	Investigating Constraint Programming and Hybrid Methods for Real World Industrial Test Laboratory Scheduling	Yes	[291]	2019	CoRR	16	0	0	1664	1796
abs-2102-08778 abs-2102-08778	Giacomo Da Col, E. Teppan	Large-Scale Benchmarks for the Job Shop Scheduling Problem	Yes	[193]	2021	CoRR	10	0	0	1665	1750