

Table S1  
Thematic Distribution of DevOps Literature

Theme	Reference Number
Tools, Testing and Automation Strategies	[1][2][3][4][5][7][8][9][11][15][16][17][19][21] [24][26][27][28][29][30][32][33][34][35][36][37][39] [40][41][43][44][45][47][48][49][50][51][52][53][54][55] [56][57][59][60][61][63][64][65][66][67][68][69][70][71] [72][73][75][76][78][79][80][82][83][84][93][94][95] [98][105][108][112][113][114][117][123][124] [125][127][129][130][132][133][135][136] [137][139][140][143][145][147][150][155][157][158][159] [161][163][164][170][171][174][177][178][179][180][181] [182][183][184][185][187][188][189][191] [192][193][194][195][196][197][198][200][201] [202][203][204][205][207][209][211][212][215][218] [228][233][236][245][247][249][253][254][255][256] [258][259][260][262][264][265][266][267][268] [269][270][271][272][273][274][276][277][278][279] [280][281][282][283][284][285][286][287][288] [289][290][291][292][293][294][295][296][297][298] [299][300][302][303][304][305][306][308][309] [310][311][314][315][316][317][319][320][321] [322][324][326][328][329][331][333][334][335][336] [340][342][344][345][346][349][351][352][353][354] [357][359][360][361][362][364][365][366][367] [368][370][371][372][373][374][375][376][377][378] [379][380][381][382][383][384][385][386][387] [388][389][390][391][393][394][395][397][399][400] [401][402][403][404][405][406][407][408][409] [411][413][414][415][417][418][420][421][424][426] [428][439][440][442][446][449][454][455][457] [458][459][460][461][462][463][464][466][467] [468][469][470][471][473][474][475][476][477][478] [479][480][481][482][483][484][485][486][487] [488][489][490][491][492][493][494][496][497][498] [501][502][503][504][507][508][509][510][513][515] [516][517][518][520][523][524][527][528][529] [530][531][536][540][543][545][547][548][549][551] [552][553][555][556][557][559][560][561][562] [563][564][565][566][568][569][570][571][572] [623][640][643][646][669][671][672][673][674][676] [677][678][679][680][681][682][683][684][685] [686][687][688][689][690][691][694][695][696][697] [698][699][701][702][704][705][706][708][709][710] [711][712][713][715][716][718][719][720][721] [723][725][726][727][728][729][731][732][734] [735][737][738][739][741][743][744][748][805][806] [807][811][813][819][832][834][835][836][838][839] [840][841][842][843][844][845][846][848][849] [851][853][855][856][858][862][863][864][865]

	[866][867][868][870][871][873][874][876][877][878] [879][881][882][884][885][886][887][888][889][890] [891][892][893][894][895][896][897][898][900] [901][902][903][905][906][907][908][909][910][911] [913][916][918][929][931][932][933][936][938] [939][940][941][943][944][946][947][948][949] [950][951][953][954][955][956][957][958][962][963] [964][966][967][968][969][970][971][972][973] [974][975][976][977][978][979][981][982][983][985] [986][989][990][991][992][993][994][995][996] [997][998][999][1000][1001][1003][1004][1005] [1006][1009][1011][1012][1013][1014][1015] [1016][1017][1018][1019][1020] [118] [154] [210] [242] [301] [325] [427] [430] [593] [597] [633] [637] [645] [692] [730] [749] [758] [762] [765] [773] [776] [777] [795] [814] [833] [915] [920] [937]
DevSecOps and Security Integration	[2][72][76][86][87][88][89][94][96][97][99][101][102][104][110] [111][122][128][129][131][132][139][140][141][142][145][146][148] [149][156][157][158][159][160][161][162][167][168][173][174] [176][178][179][180][182][184][186][188][189][198][214][215] [216][217][218][219][220][221][222][223][226][232][236][237] [240][249][267][268][294][307][308][309][310][318][329][338] [347][352][365][366][373][379][381][385][387][389][395][397] [399][400][401][407][409][443][447][452][458][459][463][464] [467][470][473][476][481][482][483][484][485][486][487][488] [489][491][520][530][534][540][542][543][551][561][568][574] [671][677][684][690][703][707][726][840][844][863][868][899] [902][905][908][910][917][918][919][922][924][925][930][941] [957][961][963][967][992][993][998][1005][1006][1007][1009] [1010][1011][1012][1013][1014][1015][1016][1019][1020] [85] [90] [532] [804] [809]
Cultural and Organizational Transformation	[5][8][24][36][37][39][40][44][51][52][53][67][71][82] [88][170][183][186][187][190][199][202][224][258][265] [272][275][276][277][280][290][315][320][322][329][331] [342][397][417][457][463][464][469][471][472][478][483] [484][840][1001][1002][1005][1006][1018] [91] [92] [109] [116] [126] [229] [244] [252] [431] [525] [594] [610] [620] [635] [641] [642] [654] [717] [775] [779] [787] [796] [798] [800] [826] [827] [829] [859] [914] [596]
GitOps, Microservices and Infrastructure	[9][14][16][29][30][34][35][37][43][49][54][55][56][58][61] [63][66][73][74][75][93][105][112][113][114][127][130] [133][140][142][145][147][150][151][161][164][165][167] [168][171][180][196][209][227][241][243][245][246][257] [268][269][270][271][275][276][278][289][292][294][307] [312][315][321][327][330][331][334][336][338][341][343] [346][348][355][357][362][364][366][369][370][372][374] [375][376][389][395][396][397][399][400][401][403][404] [406][407][408][413][414][415][422][423][437][440][441] [443][445][446][451][459][465][466][469][473][475][476] [477][478][479][480][482][483][484][485][487][488][495] [497][500][501][502][505][506][509][511][513][514][523]

	[528][529][530][531][535][537][540][541][543][549][552] [553][554][555][557][559][561][568][569][575][576][577] [580][581][582][588][589][590][592][598][599][611][612] [614][616][623][629][631][634][646][647][650][657][658][663] [668][671][672][674][680][681][682][683][687][688][689] [694][696][698][703][704][708][709][710][711][712][714] [716][720][721][723][726][729][731][734][737][738][746] [755][759][766][771][785][789][803][806][820][821][822] [824][838][839][841][843][846][849][851][855][857][864] [865][871][873][879][882][884][886][887][888][889][891] [906][909][912][913][936][939][941][942][945][948][949] [954][958][961][963][970][971][972][973][976][978][979] [982][985][987][988][993][994][998][1000][1001][1002] [1003][1006][1007][1013][1014][1019][825][880][153]
Industrial Experience and Domain-Specific Practices	[134][991][120]
Foundational Models and Strategic Alignment	[162][164][226][726][23][42][106][115] [138][208][213][225][231][234][238] [239][248][425][429][432][434][448] [456][499][519][567][583][602][605] [609][618][619][622][632][638][649] [653][655][700][757][763][764][767] [769][770][772][778][780][781][782] [783][786][791][801][802][812][828] [831][850][854][904][921][926][934][872][837][152]
AI-Enhanced DevOps and LLMOps Frameworks	[169][215][218][220][274][306][330][331][347][356] [371][404][446][462][468][554][556][566][696][726] [927][958][959][961][967][968][971][984][985][1000][1006][1011][1013]
Quality Assurance, Metrics and Assessment	[194][200][202][209][254][265][267][272][566][896][25][206][604]
DevOps in Education and Academia	[207][329][22][601][808][818][869][625]