

Communities ID Cards

This document gather the “ID Cards” of the CC communities found within your database.

The CC network was built by keeping a link between articles sharing at least 5 references. The communities characterized here correspond to the ones found in the level 1 (in the sense of the Louvain algo) which gathers more than 0 articles.

These ID cards displays the most frequent keywords, subject categories, journals of publication, institution, countries, authors, references and reference journals of the articles of each community. The significance of an item $\sigma = \sqrt{N}(f - p) / \sqrt{p(1 - p)}$ [where N is the number of articles within the community and f and p are the proportion of articles respectively within the community and within the database displaying that item] is also given (for example $\sigma > 5$ is really highly significant). The tf-idf value which can be calculated by $tf - idf = f * \log(frac{1}{p})$ is also given.

Table 1: The community 0 - “SUPPLY CHAIN MANAGEMENT” contains $N = 7$ articles. Its average internal link weight is $\langle \omega_{in} \rangle \simeq 1/7$

Keyword	f(%)	tf-idf
SUPPLY CHAIN MANAGEMENT	17.76	0.39
RISK	5.92	0.34
RESEARCH AGENDA	6.58	0.33
HEDGING	4.61	0.32
SUPPLY CHAIN DISRUPTIONS	4.61	0.30
OPERATING RISK	3.29	0.29
OPERATIONS AND RISK	3.29	0.29
RISK MANAGEMENT	5.26	0.28
MODULAR PRODUCTION	3.95	0.27
MARTIN (MARTY) KENNETH STARR	3.95	0.27
SYSTEM INTEGRATION	3.95	0.27
CATASTROPHE AND RISK	3.95	0.27
EMPIRICAL RESEARCH	10.53	0.26
PRODUCTION AND OPERATIONS		
MANAGEMENT	3.95	0.26
LITERATURE REVIEW	5.92	0.26
DISRUPTIONS	3.95	0.25
SUPPLY CHAIN RISK MANAGEMENT	3.95	0.25
INTERDISCIPLINARY RESEARCH	3.95	0.25
STOCK PRICE PERFORMANCE	3.95	0.24
REAL OPTIONS	3.95	0.23
Subject	f(%)	σ
Operations Research & Management Science	100.00	0.00
Engineering, Manufacturing	52.56	4.78
Management	47.44	-4.79
Journal	f(%)	σ
PROD OPER MANAG	52.56	4.78
J OPER MANAG	39.10	-3.39
M&SOM-MANUF SERV OP	8.33	-1.73

Institution	f(%)	σ
GEORGIA INST TECHNOL	5.16	23.45
COLL MANAGEMENT	5.16	24.28
MICHIGAN STATE UNIV	5.16	19.40
COLL BUSINESS	3.87	13.36
COLL BUSINESS ADM	3.87	15.19
UNIV PENN	3.23	19.09
UNIV MINNESOTA	3.23	12.68
WHARTON SCH	3.23	19.37
DEPT MANAGEMENT	3.23	9.09
SCH MANAGEMENT	3.23	10.22
GEORGETOWN UNIV	2.58	25.60
UNIV N CAROLINA	2.58	11.17
UNIV WESTERN ONTARIO	2.58	17.65
MCDONOUGH SCH BUSINESS	2.58	25.60
RICHARD IVEY SCH BUSINESS	2.58	18.36
ELI BROAD GRAD SCH MANAGEMENT	2.58	13.11
LONDON	2.58	17.65
SCH BUSINESS	2.58	9.27
UNIV MICHIGAN	2.58	13.72
AB FREEMAN SCH BUSINESS	1.94	24.50
Country	f(%)	σ
Usa	50.97	48.63
Canada	6.45	19.49
England	5.16	21.69
France	1.94	9.65
Peoples r china	1.94	6.04
Italy	1.29	12.72
Israel	0.65	6.55
Australia	0.65	5.14
Greece	0.65	7.61
Sweden	0.65	9.37
Author	f(%)	σ
Singhal VR	7.69	13.66
Hendricks KB	7.05	13.49
Gupta S	6.41	8.84
Singhal J	5.13	6.10
Roth AV	5.13	2.06
Sodhi MS	4.49	11.99
Seshadri S	3.21	4.98
Tang CS	3.21	5.32
Subrahmanyam M	3.21	34.75
Stratman JK	3.21	4.71

Reference	f(%)	σ
Hendricks KB, 2005, PROD OPER MANAG (14), 35	61.54	380.25
Kleindorfer PR, 2005, PROD OPER MANAG (14), 53	53.85	356.28
Hendricks KB, 2003, J OPER MANAG (21), 501	41.03	272.26
Sodhi MS, 2005, PROD OPER MANAG (14), 69	26.28	297.73
Fine CH, 2000, PROD OPER MANAG (9), 213	25.00	182.78
Gan XH, 2005, PROD OPER MANAG (14), 80	20.51	199.06
Hendricks KB, 2005, MANAGE SCI (51), 695	19.23	160.06
Martinez-de-albeniz V, 2005, PROD OPER MANAG (14), 90	18.59	190.36
Chopra S, 2004, MIT SLOAN MANAGE REV (46), 53	17.95	170.10
Choi TY, 2006, J OPER MANAG (24), 637	17.31	141.72
Tomlin B, 2006, MANAGE SCI (52), 639	16.03	153.26
Fisher M, 1997, Production and Operations Management (6), 0	14.74	135.85
Lederer PJ, 2005, PROD OPER MANAG (14), 21	14.74	190.97
Lee HL, 1997, MANAGE SCI (43), 546	14.10	67.08
Miller LT, 2005, PROD OPER MANAG (14), 5	14.10	192.26
Mallick DN, 2005, PROD OPER MANAG (14), 142	13.46	107.72
Gan XH, 2004, PROD OPER MANAG (13), 135	13.46	138.08
Carrillo JE, 2005, PROD OPER MANAG (14), 125	13.46	128.03
Parker GG, 2002, PROD OPER MANAG (11), 75	12.82	90.78
Eisenhardt KM, 1989, ACAD MANAGE REV (14), 532	12.18	51.70
Huchzermeier A, 1996, OPER RES (44), 100	12.18	127.01
Boyaci T, 2004, PROD OPER MANAG (13), 3	10.90	138.67
Tang CS, 2006, INT J PROD ECON (103), 451	10.90	137.49
Sheffi Y, 2005, RESILIENT ENTERPRISE (0), 0	10.26	156.43
Souza GC, 2004, PROD OPER MANAG (13), 34	10.26	133.91
RefJournal	f(%)	σ
MANAGE SCI	53.21	51.60
PROD OPER MANAG	51.28	64.03
J OPER MANAG	41.67	55.47
HARVARD BUS REV	37.18	51.27
STRATEGIC MANAGE J	30.13	48.75
ACAD MANAGE REV	27.56	43.77
OPER RES	24.36	32.66
ACAD MANAGE J	24.36	41.04
DECISION SCI	22.44	33.71
EUR J OPER RES	21.79	32.59

Table 2: The community 1 - “INFORMATION UPDATE” contains $N = 4$ articles. Its average internal link weight is $< \omega_{in} > \simeq 1/2$

Keyword	f(%)	tf-idf
INFORMATION UPDATE	8.11	0.58
CONTRACT COMPLIANCE	6.76	0.54
CAPACITY RESERVATION	6.76	0.54
OPTION CONTRACTS	8.11	0.54
DEMAND UNCERTAINTY	9.46	0.53
COORDINATION	9.46	0.49
DISRUPTIVE RISKS	6.76	0.49
OPERATIONAL RISKS	6.76	0.49
OPERATIONS MANAGEMENT	12.16	0.45
SUPPLY CHAIN DISRUPTIONS	6.76	0.44
RESEARCH OPPORTUNITIES IN SUPPLY CHAIN MANAGEMENT	6.76	0.43
SUPPLY CHAIN MANAGEMENT RESEARCH	6.76	0.43
RISK MEASURES	5.41	0.40
ENTERPRISE NETWORKS	6.76	0.40
ENTERPRISE TRANSFORMATION	6.76	0.40
NETWORK-CENTRIC ENTERPRISE	6.76	0.40
BUSINESS PROCESSES	6.76	0.40
INTERORGANIZATIONAL	6.76	0.40
DEMAND ALLOCATION	5.41	0.39
CONSUMER ELECTRONICS	5.41	0.38
Subject	f(%)	σ
Operations Research & Management Science	100.00	0.00
Engineering, Manufacturing Management	83.78	8.95
	16.22	-8.95
Journal	f(%)	σ
PROD OPER MANAG	83.78	8.95
M&SOM-MANUF SERV OP	8.11	-1.25
J OPER MANAG	8.11	-7.67

Institution	f(%)	σ
SCH MANAGEMENT	6.76	15.15
COLL BUSINESS ADM	6.76	18.52
GEORGIA INST TECHNOL	5.41	16.98
UNIV N CAROLINA	5.41	16.44
COLL MANAGEMENT	5.41	17.58
CHINESE UNIV HONG KONG	4.05	19.25
INSEAD	4.05	15.36
BELK COLL BUSINESS	4.05	45.01
KOWLOON	4.05	16.86
UNIV CALIF RIVERSIDE	4.05	45.01
UNIV TEXAS DALLAS	4.05	15.96
SHATIN	2.70	13.29
DEPT SYST ENGN & ENGN MANAGEMENT	2.70	21.16
UNIV WISCONSIN	2.70	15.71
UNIV MIAMI	2.70	17.85
GRAD SCH MANAGEMENT	2.70	18.53
FLORIDA INT UNIV	2.70	29.98
UNIV TEXAS AUSTIN	2.70	14.19
GRAD SCH BUSINESS	2.70	8.93
WHARTON SCH	2.70	11.18
Country	f(%)	σ
Usa	55.41	36.62
Peoples r china	8.11	18.49
England	4.05	11.72
France	4.05	14.19
South korea	4.05	21.35
Canada	2.70	5.44
Israel	1.35	9.60
Australia	1.35	7.58
Switzerland	1.35	8.87
Author	f(%)	σ
Saad GH	6.76	21.47
Wu SD	6.76	21.47
Kleindorfer PR	6.76	11.73
Singhal J	6.76	5.78
Kekre S	6.76	9.52
Sethi SP	6.76	6.25
Chambers C	6.76	9.10
Buhman C	6.76	10.64
Wang HY	6.76	14.02
Kouvelis P	6.76	5.94

Reference	f(%)	σ
Gan XH, 2005, PROD OPER MANAG (14), 80	62.16	415.69
Gan XH, 2004, PROD OPER MANAG (13), 135	56.76	401.31
Martinez-de-albeniz V, 2005, PROD OPER MANAG (14), 90	52.70	371.88
Fisher M, 1997, Production and Operations Management (6), 0	51.35	326.16
Gerchak Y, 2004, PROD OPER MANAG (13), 23	44.59	329.52
Kleindorfer PR, 2005, PROD OPER MANAG (14), 53	33.78	153.90
Hendricks KB, 2005, PROD OPER MANAG (14), 35	31.08	132.19
Sodhi MS, 2005, PROD OPER MANAG (14), 69	29.73	231.97
Cachon GP, 2005, MANAGE SCI (51), 30	27.03	167.33
Kraiselburd S, 2004, PROD OPER MANAG (13), 46	27.03	265.55
Boyaci T, 2004, PROD OPER MANAG (13), 3	24.32	213.29
Fine CH, 2000, PROD OPER MANAG (9), 213	21.62	108.85
Tsay AA, 2004, PROD OPER MANAG (13), 93	20.27	147.93
Pasternack b A, 1985, MARKET SCI (4), 166	20.27	134.08
Kleindorfer PR, 2003, MANAGE SCI (49), 1597	20.27	164.69
Huchzermeier A, 1996, OPER RES (44), 100	20.27	145.65
Lee HL, 1997, MANAGE SCI (43), 546	20.27	66.51
Lederer PJ, 2005, PROD OPER MANAG (14), 21	18.92	168.80
Shin HJ, 2004, PROD OPER MANAG (13), 63	18.92	199.69
Souza GC, 2004, PROD OPER MANAG (13), 34	18.92	170.19
Cachon G, 2003, HDB OPERATIONS RES M (0), 0	17.57	184.80
Kreipl S, 2004, PROD OPER MANAG (13), 77	14.86	104.50
Klassen RD, 2003, PROD OPER MANAG (12), 336	14.86	107.01
Tsay AA, 1999, MANAGE SCI (45), 1339	14.86	122.75
Cachon GP, 2001, MANAGE SCI (47), 629	14.86	110.64
RefJournal	f(%)	σ
MANAGE SCI	55.41	37.05
PROD OPER MANAG	54.05	46.53
OPER RES	43.24	40.54
Manufacturing & Service Operations Management	29.73	36.99
IIE TRANS	24.32	32.98
MARKET SCI	22.97	32.09
EUR J OPER RES	22.97	23.70
Production and Operations Management	18.92	37.09
NAV RES LOG	16.22	26.78
HARVARD BUS REV	16.22	14.97

Table 3: The community 2 - “OUTSOURCING” contains $N = 3$ articles. Its average internal link weight is $\langle \omega_{in} \rangle \simeq 1/3$

Keyword	f(%)	tf-idf
OUTSOURCING	27.78	0.99
DISTRIBUTED PRODUCT DEVELOPMENT	9.26	0.56
SUPPLY CHAIN INTEGRATION	12.96	0.56
PRODUCT ARCHITECTURE	9.26	0.52
PROJECT MANAGEMENT	11.11	0.44
AGENCY THEORY	7.41	0.43
SOFTWARE DEVELOPMENT	7.41	0.42
GLOBAL PRODUCT DEVELOPMENT	5.56	0.39
NETWORKED DESIGN	5.56	0.39
DISTRIBUTED WORK	5.56	0.39
PRODUCT DEVELOPMENT	11.11	0.39
HIERARCHICAL PLANNING	5.56	0.38
NEW PRODUCT DEVELOPMENT	7.41	0.33
FIELD RESEARCH	5.56	0.30
PARTIAL OUTSOURCING	3.70	0.29
INTEGRATION PROCESS IMPROVEMENT	3.70	0.29
BUYER-SUPPLIER PROBLEM	3.70	0.29
MODULARITY	5.56	0.29
SUPPLY CHAIN MANAGEMENT	12.96	0.28
RESEARCH AGENDA	5.56	0.28
Subject	f(%)	σ
Operations Research & Management Science	100.00	0.00
Engineering, Manufacturing Management	81.48	7.29
	18.52	-7.29
Journal	f(%)	σ
PROD OPER MANAG	81.48	7.29
J OPER MANAG	18.52	-5.02

Institution	f(%)	σ
CLEMSON UNIV	7.41	28.59
DEPT MANAGEMENT	7.41	12.72
COLL BUSINESS & BEHAV SCI	7.41	40.53
SCH MANAGEMENT	7.41	14.22
AB FREEMAN SCH BUSINESS	5.56	41.65
GEORGIA INST TECHNOL	5.56	14.91
EMORY UNIV	5.56	20.09
INSEAD	5.56	18.05
GOIZUETA BUSINESS SCH	5.56	21.78
FISHER COLL BUSINESS	5.56	17.83
OHIO STATE UNIV	5.56	16.86
UNIV CALIF SAN DIEGO	5.56	44.53
RADY SCH MANAGEMENT	5.56	52.71
COLL BUSINESS ADM	5.56	12.97
TULANE UNIV	5.56	41.65
RUTGERS BUSINESS SCH	3.70	26.15
UNIV N CAROLINA	3.70	9.56
MCCOMBS SCH	3.70	55.59
UNIV UTAH	3.70	17.48
COLL MANAGEMENT	3.70	10.23
Country	f(%)	σ
Usa	59.26	33.53
France	5.56	16.68
Germany	5.56	24.48
Netherlands	3.70	10.62
England	3.70	9.12
Switzerland	3.70	20.93
Canada	1.85	3.09
India	1.85	8.91
Costa rica	1.85	22.66
Argentina	1.85	22.66
Author	f(%)	σ
Anderson EG	14.81	12.63
Handley SM	12.96	9.71
Parker GG	11.11	10.18
Gray JV	9.26	11.42
Roth AV	9.26	3.14
Gokpinar B	5.56	13.90
Loch CH	5.56	6.27
Iravani SMR	5.56	4.87
Krishnan V	5.56	10.79
Hopp WJ	5.56	5.91

Reference	f(%)	σ
Parker GG, 2002, PROD OPER MANAG (11), 75	64.81	270.53
Anderson EG, 2002, PROD OPER MANAG (11), 313	55.56	292.45
Ulrich KT, 2005, PROD OPER MANAG (14), 315	37.04	224.71
Gray JV, 2009, PROD OPER MANAG (18), 487	31.48	224.99
Dyer JH, 1998, ACAD MANAGE REV (23), 660	27.78	69.32
Kogut B, 1992, ORGAN SCI (3), 383	25.93	71.22
Amaral J, 2011, MIT SLOAN MANAGE REV (52), 51	24.07	196.71
Eppinger SD, 2006, MIT SLOAN MANAGE REV (47), 22	22.22	152.71
Krishnan V, 2001, MANAGE SCI (47), 1	20.37	73.51
Podsakoff PM, 2003, J APPL PSYCHOL (88), 879	20.37	42.07
Fine C, 1998, CLOCKSPEED WINNING I (0), 0	20.37	82.03
Handley SM, 2009, J OPER MANAG (27), 344	20.37	108.05
Sosa ME, 2002, IEEE T ENG MANAGE (49), 45	20.37	180.43
Anderson EG, 2005, PROD OPER MANAG (14), 344	20.37	157.72
Allen T, 1977, MANAGING FLOW TECHNO (0), 0	20.37	112.86
Coase RH, 1937, ECONOMICA-NEW SER (4), 386	18.52	69.94
Clark k B, 1991, PRODUCT DEV PERFORMA (0), 0	18.52	54.33
Ellram LM, 2008, J OPER MANAG (26), 148	18.52	99.76
Sosa ME, 2004, MANAGE SCI (50), 1674	18.52	101.98
Hendricks KB, 2005, PROD OPER MANAG (14), 35	16.67	60.48
Swink M, 2007, J OPER MANAG (25), 148	16.67	83.62
Frohlich MT, 2001, J OPER MANAG (19), 185	16.67	42.71
Fine CH, 2000, PROD OPER MANAG (9), 213	14.81	63.67
Amaral J, 2009, PROD OPER MANAG (18), 621	14.81	114.97
Henderson RM, 1990, ADMIN SCI QUART (35), 9	14.81	68.56
RefJournal	f(%)	σ
PROD OPER MANAG	68.52	50.57
MANAGE SCI	61.11	35.01
STRATEGIC MANAGE J	53.70	51.56
HARVARD BUS REV	46.30	37.72
ORGAN SCI	46.30	55.70
J OPER MANAG	44.44	34.86
ACAD MANAGE REV	44.44	41.87
ACAD MANAGE J	35.19	35.11
SLOAN MANAGE REV	31.48	36.09
ADMIN SCI QUART	27.78	31.09