

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 0 (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 - “PRODUCT DEVELOPMENT” contains $N = 1$ articles. Its average internal link weight is $\langle \omega_{in} \rangle \simeq 1/ - 9999$

Keyword	f(%)	tf-idf
PRODUCT DEVELOPMENT	36.36	1.28
COMPETITIVE CAPABILITIES	13.64	0.74
DISRUPTION RISK MITIGATION AND RESPONSE	9.09	0.64
ROLE CHANGE	9.09	0.62
DESIGN ENGINEERS	9.09	0.62
PLATFORM STRATEGY	9.09	0.61
SUPPLY MANAGEMENT PRACTICES	9.09	0.61
SOCIAL NETWORK THEORY	9.09	0.61
PRODUCT-PROCESS-SUPPLY CHAIN DESIGN	9.09	0.60
MANUFACTURING STRATEGY PROCESS	9.09	0.59
ORGANIZATIONAL KNOWLEDGE	9.09	0.59
AGILITY	9.09	0.58
MEASUREMENT/METHODOLOGY	9.09	0.56
MARKETING/MANUFACTURING INTERFACE	9.09	0.51
TEAMS	9.09	0.49
ENVIRONMENT	9.09	0.47
RESOURCE-BASED VIEW	9.09	0.44
SUPPLY CHAIN INTEGRATION	9.09	0.39
FLEXIBILITY	9.09	0.38
EMPIRICAL RESEARCH	13.64	0.34
Subject	f(%)	σ
Operations Research & Management Science	100.00	0.00
Management	95.45	2.94
Engineering, Manufacturing	4.55	-2.95
Journal	f(%)	σ
J OPER MANAG	95.45	4.02
PROD OPER MANAG	4.55	-2.95
Institution	f(%)	σ
COLL BUSINESS ADM	22.73	34.32
UNIV TOLEDO	22.73	85.40
FLORIDA ATLANTIC UNIV	18.18	100.59
UNIV MINNESOTA	9.09	13.73
MICHIGAN STATE UNIV	9.09	12.99
CARLSON SCH MANAGEMENT	9.09	17.50
COLL BUSINESS	9.09	12.05
DEPT MANAGEMENT & MKT	9.09	34.12
OHIO STATE UNIV	9.09	17.68
UNIV WISCONSIN	9.09	28.98
SCH MANAGEMENT	9.09	11.18
FISHER COLL BUSINESS	9.09	18.69
DEPT MANAGEMENT	9.09	10.01
DEPT IND ENGN & MANAGEMENT	4.55	25.12
UNIV MODENA & REGGIO EMILIA	4.55	43.55
SHATIN	4.55	12.24
TEXAS A&M UNIV	4.55	11.56
CHINESE UNIV HONG KONG	4.55	11.78
LOUISIANA TECH UNIV	4.55	61.60
LAMAR UNIV	4.55	61.60
Country	f(%)	σ
Usa	72.73	26.40
Peoples r china	9.09	11.33
Brazil	4.55	30.78
U arab emirates	4.55	43.55
Italy	4.55	17.03
Finland	4.55	23.25
Author	f(%)	σ
Vonderembse MA	27.27	13.72
Koufteros XA	22.73	17.14
Doll WJ	18.18	17.68
Nahm AY	13.64	12.67
Braunscheidel MJ	9.09	14.20
Lai KH	9.09	6.61
Hong P	9.09	12.63
Roth AV	9.09	1.96
Cheng TCE	9.09	4.59
Paiva EL	9.09	11.04
Reference	f(%)	σ
Koufteros XA, 1999, J OPER MANAG (17), 467	77.27	264.62
Koufteros X, 2001, J OPER MANAG (19), 97	68.18	282.70
Fornell C, 1981, J MARKETING RES (18), 39	63.64	71.73
Clark k B, 1991, PRODUCT DEV PERFORMA (0), 0	36.36	68.21
Gerbing DW, 1988, J MARKETING RES (25), 186	36.36	73.86
Teece DJ, 1997, STRATEGIC MANAGE J (18), 509	31.82	52.03
Bentler PM, 1980, PSYCHOL BULL (88), 588	31.82	65.11
Hair JF, 1995, MULTIVARIATE DATA AN (0), 0	31.82	78.22
Armstrong JS, 1977, J MARKETING RES (14), 396	27.27	36.09
Doll WJ, 1991, OMEGA-INT J MANAGE S (19), 401	27.27	123.09
Koufteros XA, 2002, J OPER MANAG (20), 331	27.27	99.96
Nunnally JC, 1978, PSYCHOMETRIC THEORY (0), 0	27.27	36.13
Blackburn j D, 1991, TIME BASED COMPETITI (0), 0	27.27	94.27
Krause DR, 2001, J OPER MANAG (19), 497	22.73	87.10
Narasimhan R, 2006, J OPER MANAG (24), 440	22.73	81.29
Cohen WM, 1990, ADMIN SCI QUART (35), 128	22.73	38.82
Koufteros x A, 1998, Journal of Operations Management (16), 0	22.73	79.63
Churchill GA, 1979, J MARKETING RES (16), 64	22.73	39.37
Hall RW, 1991, MEASURING CHARTING P (0), 0	22.73	158.61
Byrne BM, 1998, STRUCTURAL EQUATION (0), 0	22.73	76.68
Frohlich MT, 2001, J OPER MANAG (19), 185	22.73	37.22
Hartley j L, 1997, Journal of Operations Management (15), 0	22.73	72.88
Carr AS, 1999, J OPER MANAG (17), 497	22.73	40.68
Tatikonda MV, 2000, J OPER MANAG (18), 401	22.73	59.00
Clark KB, 1989, MANAGE SCI (35), 1247	22.73	58.03
RefJournal	f(%)	σ
J OPER MANAG	77.27	39.00
DECISION SCI	68.18	39.24
HARVARD BUS REV	63.64	33.25
ACAD MANAGE REV	63.64	38.42
J MARKETING RES	63.64	41.98
MANAGE SCI	59.09	21.59
Journal of Operations Management	54.55	41.20
ADMIN SCI QUART	54.55	39.26
ACAD MANAGE J	54.55	34.93
STRATEGIC MANAGE J	54.55	33.43