

Sameer Kumar

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

115
papers

2,498
citations

26
h-index

47
g-index

119
ext. papers

3,093
ext. citations

4.2
avg, IF

6.05
L-index

#	Paper	IF	Citations
115	What does it take for your organization to institutionalize product lifecycle management. <i>IEEE Engineering Management Review</i> , 2022 , 1-1	3.6	
114	Responsible health technology. Are we there yet The case of mHealth apps for medical practitioners. <i>IEEE Engineering Management Review</i> , 2022 , 1-1	3.6	
113	The medical and societal impact of big data analytics and artificial intelligence applications in combating pandemics: A review focused on Covid-19.. <i>Social Science and Medicine</i> , 2022 , 301, 114973	5.1	2
112	. <i>IEEE Engineering Management Review</i> , 2021 , 49, 196-203	3.6	1
111	Industry 4.0 adoption and 10R advance manufacturing capabilities for sustainable development. <i>International Journal of Production Economics</i> , 2021 , 231, 107844	9.3	98
110	Social media effectiveness as a humanitarian response to mitigate influenza epidemic and COVID-19 pandemic. <i>Annals of Operations Research</i> , 2021 , 1-29	3.2	7
109	Institutionalization of Product Lifecycle Management in Manufacturing Firms. <i>IEEE Transactions on Engineering Management</i> , 2021 , 1-16	2.6	2
108	Strategies for Ensuring Required Service Level for COVID-19 Herd Immunity in Indian Vaccine Supply Chain. <i>European Journal of Operational Research</i> , 2021 ,	5.6	12
107	Scenario-robust pre-disaster planning for multiple relief items. <i>Annals of Operations Research</i> , 2021 , 1-26,	3.2	1
106	Supply chain disruptions and resilience: a major review and future research agenda. <i>Annals of Operations Research</i> , 2021 , 1-38	3.2	29
105	The Interactive Weighting Method Concerning Consistency, Inadequacy, Complementary and Supplementary Properties of Criteria. <i>IEEE Transactions on Engineering Management</i> , 2020 , 1-12	2.6	1
104	Big data analytics in health sector: Theoretical framework, techniques and prospects. <i>International Journal of Information Management</i> , 2020 , 50, 206-216	16.4	56
103	Closed-loop supply chain network design and modelling under risks and demand uncertainty: an integrated robust optimization approach. <i>Annals of Operations Research</i> , 2020 , 290, 837-864	3.2	31
102	Measuring and mitigating the effects of cost disturbance propagation in multi-echelon apparel supply chains. <i>European Journal of Operational Research</i> , 2020 , 282, 148-160	5.6	6
101	Identification and ranking of the risk factors involved in PLM implementation. <i>International Journal of Production Economics</i> , 2020 , 222, 107496	9.3	11
100	Values, challenges and future directions of big data analytics in healthcare: A systematic review. <i>Social Science and Medicine</i> , 2019 , 241, 112533	5.1	44
99	Calculating trust in domain analysis: Theoretical trust model. <i>International Journal of Information Management</i> , 2019 , 48, 1-11	16.4	8

98	Critical Barriers to PLM Institutionalization in Manufacturing Organizations. <i>IEEE Transactions on Engineering Management</i> , 2019 , 1-13	2.6	3
97	Current trends in disaster management simulation modelling research. <i>Annals of Operations Research</i> , 2019 , 283, 1387-1411	3.2	15
96	Impacts of Exploration and Exploitation on Firm's Performance and the Moderating Effects of Slack: A Panel Data Analysis. <i>IEEE Transactions on Engineering Management</i> , 2019 , 66, 613-620	2.6	12
95	US adults with unmet mental health treatment needs: Profiling and underlying causes using machine learning techniques. <i>IIEE Transactions on Healthcare Systems Engineering</i> , 2019 , 9, 186-199	1.3	1
94	. <i>IEEE Engineering Management Review</i> , 2019 , 47, 123-127	3.6	2
93	Reducing the cost of humanitarian operations through disaster preparation and preparedness. <i>Annals of Operations Research</i> , 2019 , 283, 1139-1152	3.2	9
92	A novel TOPSIS/GBR goal programming approach to sustainable healthcare treatment. <i>Annals of Operations Research</i> , 2018 , 1	3.2	6
91	Will aging voting machines cause more voters to experience long waits?. <i>International Journal of Production Economics</i> , 2018 , 198, 1-10	9.3	1
90	Achieving Excellence in Exploration and Exploitation by Matching Appropriate Resources. <i>IEEE Engineering Management Review</i> , 2018 , 46, 103-107	3.6	3
89	Why do many diabetic patients not take the A1C test as recommended?. <i>IIEE Transactions on Healthcare Systems Engineering</i> , 2017 , 7, 145-154	1.3	
88	Supply chain resilience: model development and empirical analysis. <i>International Journal of Production Research</i> , 2017 , 55, 6779-6800	7.8	94
87	Supply chain analysis of e-tailing versus retailing operation in a case study. <i>Enterprise Information Systems</i> , 2016 , 10, 639-665	3.5	7
86	Humanitarian operations and crisis/disaster management: A retrospective review of the literature and framework for development. <i>International Journal of Disaster Risk Reduction</i> , 2016 , 20, 1-13	4.5	41
85	An integrated buyer initiated decision-making process for green supplier selection. <i>Journal of Manufacturing Systems</i> , 2016 , 41, 256-265	9.1	29
84	Designing an integrated AHP based decision support system for supplier selection in automotive industry. <i>Expert Systems With Applications</i> , 2016 , 62, 273-283	7.8	200
83	Green supplier selection: a new genetic/immune strategy with industrial application. <i>Enterprise Information Systems</i> , 2016 , 10, 911-943	3.5	17
82	Analyzing a lost-sale stochastic inventory model with Markov-modulated demands: A simulation-based optimization study. <i>Journal of Manufacturing Systems</i> , 2016 , 38, 1-12	9.1	17
81	Linking procurement operations to power-influence in a supply chain. <i>Journal of Manufacturing Systems</i> , 2016 , 41, 201-210	9.1	

80	Bridging and buffering: Strategies for mitigating supply risk and improving supply chain performance. <i>International Journal of Production Economics</i> , 2016 , 180, 183-197	9.3	52
79	Modeling the effects of labor on housing reconstruction: A system perspective. <i>International Journal of Disaster Risk Reduction</i> , 2015 , 12, 154-162	4.5	14
78	Multidimensional utility analysis in a two-tier supply chain. <i>Journal of Manufacturing Systems</i> , 2015 , 37, 437-447	9.1	2
77	A journey from normative to behavioral operations in supply chain management: A review using Latent Semantic Analysis. <i>Expert Systems With Applications</i> , 2015 , 42, 796-809	7.8	34
76	Service delivery of care to children who have had strokes: Review of the initial diagnosis and ongoing treatments. <i>Journal of Pediatric Neurology</i> , 2015 , 07, 231-249	0.2	
75	Universal supplier selection via multi-dimensional auction mechanisms for two-way competition in oligopoly market of supply chain. <i>Omega</i> , 2014 , 47, 127-137	7.2	12
74	A knowledge based reliability engineering approach to manage product safety and recalls. <i>Expert Systems With Applications</i> , 2014 , 41, 5323-5339	7.8	25
73	A comprehensive environment friendly approach for supplier selection. <i>Omega</i> , 2014 , 42, 109-123	7.2	201
72	Measuring supply chain resilience using a deterministic modeling approach. <i>Computers and Industrial Engineering</i> , 2014 , 74, 11-25	6.4	203
71	Before and after disaster strikes: A relief supply chain decision support framework. <i>International Journal of Production Economics</i> , 2013 , 145, 613-629	9.3	62
70	Supply chain analysis methodology [Leveraging optimization and simulation software. <i>OR Insight</i> , 2013 , 26, 87-119		1
69	Is Your Supply Chain Business Operation a Good Fit for Online Reverse Auctions?. <i>Transportation Journal</i> , 2013 , 52, 121	0.8	5
68	Risk Assessment and Operational Approaches to Manage Risk in Global Supply Chains. <i>Transportation Journal</i> , 2013 , 52, 391	0.8	5
67	U.S. healthcare fix: leveraging the lessons from the food supply chain. <i>Technology and Health Care</i> , 2013 , 21, 125-41	1.1	7
66	A green supply chain is a requirement for profitability. <i>International Journal of Production Research</i> , 2012 , 50, 1278-1296	7.8	183
65	Lessons for strategic organizational growth [performance challenges for U.S. automakers. <i>Human Systems Management</i> , 2012 , 31, 203-218	1.9	
64	Globalization of health care delivery in the United States through medical tourism. <i>Journal of Health Communication</i> , 2012 , 17, 177-98	2.5	32
63	Leveraging product design and development in manufacturing using technology function deployment approach. <i>International Journal of Computer Integrated Manufacturing</i> , 2012 , 25, 578-593	4.3	

62	Planning for avian flu disruptions on global operations: a DMAIC case study. <i>International Journal of Health Care Quality Assurance</i> , 2012 , 25, 197-215	1.3	6
61	Quantifying Supply Chain Trade-Offs Using Six Sigma, Simulation, and Designed Experiments to Develop a Flexible Distribution Network. <i>Quality Engineering</i> , 2011 , 23, 180-203	1.4	12
60	Development of a hospital based menu driven clinician coding tool to implement quality reimbursement process in the U.S.--a cardiologist's diagnoses as an illustration. <i>Technology and Health Care</i> , 2011 , 19, 423-34	1.1	
59	Modeling hospital surgical delivery process design using system simulation: optimizing patient flow and bed capacity as an illustration. <i>Technology and Health Care</i> , 2011 , 19, 1-20	1.1	15
58	The business case for implementing electronic health records in primary care settings in the United States. <i>Journal of Revenue and Pricing Management</i> , 2011 , 10, 119-131	0.9	9
57	An ounce of prevention: Revenue and cost economics of partnering with health and wellness services. <i>Journal of Revenue and Pricing Management</i> , 2011 , 10, 401-423	0.9	1
56	Managing risks in a relief supply chain in the wake of an adverse event. <i>OR Insight</i> , 2011 , 24, 131-157		8
55	Modeling patient flow operation of a US urban county hospital. <i>Technology and Health Care</i> , 2011 , 19, 247-260	1.1	4
54	Managing recalls in a consumer product supply chain [root cause analysis and measures to mitigate risks. <i>International Journal of Production Research</i> , 2011 , 49, 235-253	7.8	57
53	Decision framework for the analysis and selection of appropriate transfer pricing for a resilient global SME manufacturing operation [a business case. <i>International Journal of Production Research</i> , 2011 , 49, 5431-5448	7.8	11
52	Challenges with the introduction of radio-frequency identification systems into a manufacturer's supply chain [a pilot study. <i>Enterprise Information Systems</i> , 2011 , 5, 235-253	3.5	36
51	Examining quality and efficiency of the U.S. healthcare system. <i>International Journal of Health Care Quality Assurance</i> , 2011 , 24, 366-88	1.3	24
50	Utilizing contract theory to reduce double marginalization for pre-recorded music products within the retail supply chain [A case study. <i>Journal of Revenue and Pricing Management</i> , 2011 , 10, 382-391	0.9	2
49	Six sigma tools in integrating internal operations of a retail pharmacy: a case study. <i>Technology and Health Care</i> , 2011 , 19, 115-33	1.1	5
48	Modeling patient flow operation of a US urban county hospital. <i>Technology and Health Care</i> , 2011 , 19, 247-60	1.1	1
47	Leading cost accounting students on a journey from naïve analysis to realistic analysis [A probabilistic systems thinking. <i>Human Systems Management</i> , 2010 , 29, 11-26	1.9	
46	Utilizing DMAIC six sigma and evidence-based medicine to streamline diagnosis in chest pain. <i>Quality Management in Health Care</i> , 2010 , 19, 107-16	1	12
45	Overcoming barriers to electronic medical record (EMR) implementation in the US healthcare system: A comparative study. <i>Health Informatics Journal</i> , 2010 , 16, 306-18	3	44

44	Stage implementation of RFID in hospitals. <i>Technology and Health Care</i> , 2010 , 18, 31-46	1.1	32
43	Specialty hospitals emulating focused factories: a case study. <i>International Journal of Health Care Quality Assurance</i> , 2010 , 23, 94-109	1.3	14
42	Knowledge for sale ¶the benefits and effects of off-shoring knowledge-based jobs in engineering, design, and R&D ¶a case study. <i>Knowledge Management Research and Practice</i> , 2010 , 8, 351-368	2.1	3
41	A closed loop outsourcing decision model for developing effective manufacturing strategy. <i>International Journal of Production Research</i> , 2010 , 48, 1873-1900	7.8	23
40	Exploring the impact of management of chronic illnesses through prevention on the U.S. healthcare delivery system ¶A closed loop system's modeling study. <i>Information, Knowledge, Systems Management</i> , 2010 , 9, 127-152		2
39	HIPAA's effects on US healthcare. <i>International Journal of Health Care Quality Assurance</i> , 2009 , 22, 183-197	1.3	3
38	Using Six Sigma DMAIC to design a high-quality summer lodge operation. <i>Journal of Retail and Leisure Property</i> , 2009 , 8, 173-191		8
37	Flexible capacity design for the Focus Factory ¶a case study. <i>International Journal of Production Research</i> , 2009 , 47, 1269-1286	7.8	5
36	RFID in the healthcare supply chain: usage and application. <i>International Journal of Health Care Quality Assurance</i> , 2009 , 22, 67-81	1.3	55
35	Improved new product development through enhanced design architecture for engineer-to-order companies. <i>International Journal of Production Research</i> , 2009 , 47, 4235-4254	7.8	14
34	A manufacturing decision framework for minimizing inventory costs of a configurable off-shored product using postponement. <i>International Journal of Production Research</i> , 2009 , 47, 143-162	7.8	21
33	Developing a global health diplomacy supply chain--a viable option for the United States to curb extremism. <i>Journal of Health Communication</i> , 2009 , 14, 674-89	2.5	3
32	Decision support model based on risk ¶return tradeoff for examining viability of a business venture. <i>Journal of Revenue and Pricing Management</i> , 2009 , 8, 81-95	0.9	2
31	A decision modelling framework to analyse offshore outsourcing changes for US manufacturers. <i>Journal of Revenue and Pricing Management</i> , 2009 , 8, 424-437	0.9	5
30	The Effects of China's Economic Growth on Domestic and International Supply Chains: Assessing the Risks. <i>Supply Chain Forum</i> , 2009 , 10, 10-21	3.5	3
29	Effects of product postponement on the distribution network: a case study. <i>Journal of the Operational Research Society</i> , 2009 , 60, 471-480	2	6
28	Eliminating US hospital medical errors. <i>International Journal of Health Care Quality Assurance</i> , 2008 , 21, 444-71	1.3	39
27	Measuring technical efficiency of specialty hospitals in the US. <i>Journal of Revenue and Pricing Management</i> , 2008 , 7, 139-152	0.9	4

26	Phase reviews versus fast product development: a business case. <i>Journal of Engineering Design</i> , 2007 , 18, 279-291	1.8	7
25	A Profit And Loss Analysis For Make-To-Order Versus Make-To-Stock Policy Supply Chain Case Study. <i>Engineering Economist</i> , 2007 , 52, 141-156	0.8	8
24	Reverse auctions: How much total supply chain cost savings are there? A conceptual overview. <i>Journal of Revenue and Pricing Management</i> , 2007 , 6, 77-85	0.9	11
23	An Explorative Study of the Relationship of Export Intermediaries and Their Trading Partners. <i>Supply Chain Forum</i> , 2007 , 8, 12-31	3.5	3
22	Educating rational decision-makers about uncertainty using US social security investment economics. <i>Journal of the Operational Research Society</i> , 2007 , 58, 1294-1305	2	
21	Revenue management for a home construction products manufacturer. <i>Journal of Revenue and Pricing Management</i> , 2007 , 5, 256-270	0.9	8
20	Reverse auctions: How much total supply chain cost savings are there? A business simulation model. <i>Journal of Revenue and Pricing Management</i> , 2007 , 6, 229-240	0.9	5
19	The Hexopater TM , from birth to market: innovative product development challenges. <i>Journal of Engineering Design</i> , 2006 , 17, 271-289	1.8	2
18	A comparative analysis of key information technology players. <i>Technovation</i> , 2006 , 26, 836-846	7.9	10
17	Prevention and management of product recalls in the processed food industry: a case study based on an exporter's perspective. <i>Technovation</i> , 2006 , 26, 739-750	7.9	92
16	Studying the operational efficiencies of a multi-product supply chain using excel spreadsheet model. <i>Technovation</i> , 2006 , 26, 1186-1200	7.9	8
15	Strategic alliance in a closed-loop supply chain, a case of manufacturer and eco-non-profit organization. <i>Technovation</i> , 2006 , 26, 1127-1135	7.9	111
14	Supply chain management challenges for aerospace control technologies leader. <i>Technovation</i> , 2005 , 25, 53-58	7.9	0
13	Exploratory analysis of global cosmetic industry: major players, technology and market trends. <i>Technovation</i> , 2005 , 25, 1263-1272	7.9	74
12	An Exploratory Analysis of Competing Supply Chains in the Personal Computer Industry. <i>Supply Chain Forum</i> , 2005 , 6, 16-31	3.5	1
11	Business process redesign as a tool for organizational development. <i>Technovation</i> , 2004 , 24, 853-861	7.9	7
10	Outsourcing and strategic alliances for product development: a case of Banta Digital Group. <i>Technovation</i> , 2004 , 24, 1001-1010	7.9	16
9	Exploring Operational and Logistical Challenges in the Department Stores Industry. <i>Supply Chain Forum</i> , 2004 , 5, 42-58	3.5	

8	CPG Food and Beverage Market Dynamics and Supporting Supply Chain Systems. <i>Supply Chain Forum</i> , 2004 , 5, 50-63	3.5	1
7	Global Operations and Logistics Trends in the Household and Personal Care Products Market. <i>Supply Chain Forum</i> , 2003 , 4, 10-20	3.5	
6	Supply Chain Integration Challenges For a Storage Technology Leader. <i>Supply Chain Forum</i> , 2002 , 3, 34-43	3.5	2
5	The Evolution of Global Positioning System (GPS) Technology. <i>Journal of Science Education and Technology</i> , 2002 , 11, 59-80	2.8	29
4	Review of the Semiconductor Industry and Technology Roadmap. <i>Journal of Science Education and Technology</i> , 2002 , 11, 229-236	2.8	2
3	E-management of scalable cooperative supply chains: Conceptual modelling and information technologies. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2000 , 33, 463-468		
2	What affects consumer behavior in mobile health professional diagnosis applications. <i>Decision Sciences</i> ,	3.7	1
1	Impact of agri-fresh food supply chain quality practices on organizational sustainability. <i>Operations Management Research</i> ,1	3.6	3