Vipul Jain

List of Publications by Year
in descending order

82 papers	3,209 citations	230014 27 h-index	182931 54 g-index
84 all docs	84 docs citations	84 times ranked	2932 citing authors

#	Article	IF	Citations
1	Can organization team culture benchmark effective teams â€" performance management concerns, insights and HR implications. Benchmarking, 2023, 30, 766-787.	2.9	1
2	The Interactive Weighting Method Concerning Consistency, Inadequacy, Complementary and Supplementary Properties of Criteria. IEEE Transactions on Engineering Management, 2022, 69, 2014-2025.	2.4	1
3	Impact of agri-fresh food supply chain quality practices on organizational sustainability. Operations Management Research, 2022, 15, 146-165.	5.0	12
4	Assessing supply chain resilience to the outbreak of COVID-19 in Indian manufacturing firms. Operations Management Research, 2022, 15, 1161-1180.	5.0	15
5	COVID19 epidemic outbreak: operating rooms scheduling, specialty teams timetabling and emergency patients' assignment using the robust optimization approach. Annals of Operations Research, 2022, , 1-31.	2.6	5
6	Sustainability performance evaluation of the E-waste closed-loop supply chain with the SCOR model. Waste Management, 2022, 147, 36-47.	3.7	12
7	Closed-loop supply chain network design and modelling under risks and demand uncertainty: an integrated robust optimization approach. Annals of Operations Research, 2020, 290, 837-864.	2.6	59
8	Sustainable supply chain management. Management of Environmental Quality, 2019, 30, 1001-1049.	2.2	94
9	Modelling the inter-relationship between factors affecting coordination in a humanitarian supply chain: a case of Chennai flood relief. Annals of Operations Research, 2019, 283, 1227-1258.	2.6	35
10	Optimization of stochastic, (Q, R) inventory system in multi-product, multi-echelon, distributive supply chain. Journal of Revenue and Pricing Management, 2019, 18, 405-418.	0.7	5
11	Modelling and simulation of repairable mechanical systems reliability and availability. International Journal of Systems Assurance Engineering and Management, 2019, 10, 1221-1233.	1.5	5
12	Measuring Supply Chain Reconfigurability using Integrated and Deterministic Assessment Models. Journal of Manufacturing Systems, 2019, 52, 172-183.	7.6	14
13	Pricing and revenue management in fragmented and segmented supply chains. Journal of Revenue and Pricing Management, 2019, 18, 353-354.	0.7	2
14	Forecasting municipal solid waste generation using artificial intelligence modelsâ€"a case study in India. SN Applied Sciences, 2019, 1, 1.	1.5	58
15	Modelling wholesale distribution operations: an artificial intelligence framework. Industrial Management and Data Systems, 2019, 119, 698-718.	2.2	25
16	Swarm intelligence approaches in supply chain management: potentials, challenges and future research directions. Supply Chain Management, 2019, 24, 107-123.	3.7	12
17	Supplier selection using fuzzy AHP and TOPSIS: a case study in the Indian automotive industry. Neural Computing and Applications, 2018, 29, 555-564.	3.2	175
18	Information system selection for a supply chain based on current trends: the BRIGS approach. Neural Computing and Applications, 2018, 30, 1619-1633.	3.2	6

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19	Availability analysis of mechanical systems with condition-based maintenance using semi-Markov and evaluation of optimal condition monitoring interval. Journal of Industrial Engineering International, 2018, 14, 119-131.	1.8	20
20	Equilibrium analysis in multi-echelon supply chain with multi-dimensional utilities of inertial players. Journal of Revenue and Pricing Management, 2017, 16, 417-436.	0.7	3
21	Supply chain resilience: model development and empirical analysis. International Journal of Production Research, 2017, 55, 6779-6800.	4.9	182
22	Application of AHP in reverse logistics service provider selection: a case study. International Journal of Business Innovation and Research, 2017, 12, 94.	0.1	33
23	Fusion of Fuzzy Multi-Criteria Decision Making Approaches for Discriminating Risk with Relate to Software Project Performance. Advances in Business Strategy and Competitive Advantage Book Series, 2017, , 38-64.	0.2	0
24	Integrating analytical hierarchy process and quality function deployment in automotive supplier selection. International Journal of Business Excellence, 2016, 9, 156.	0.2	20
25	Linking procurement operations to power-influence in a supply chain. Journal of Manufacturing Systems, 2016, 41, 201-210.	7.6	0
26	A three-stage hybrid integrated decision making framework for modelling reverse logistics operations: a case of a textile company. International Journal of Industrial and Systems Engineering, 2016, 23, 370.	0.1	4
27	An integrated buyer initiated decision-making process for green supplier selection. Journal of Manufacturing Systems, 2016, 41, 256-265.	7.6	40
28	Designing an integrated AHP based decision support system for supplier selection in automotive industry. Expert Systems With Applications, 2016, 62, 273-283.	4.4	280
29	Green supplier selection: a new genetic/immune strategy with industrial application. Enterprise Information Systems, 2016, 10, 911-943.	3.3	18
30	Genetic algorithm based fuzzy time series tourism demand forecast model. Industrial Management and Data Systems, 2016, 116, 483-507.	2.2	34
31	Production planning forecasting method selection in a supply chain: a case study. International Journal of Applied Management Science, 2015, 7, 38.	0.1	15
32	Application of an integrated MCDM approach in selecting outsourcing strategies in hotel industry. International Journal of Logistics Systems and Management, 2015, 20, 304.	0.2	14
33	A Chaotic Bee Colony approach for supplier selection-order allocation with different discounting policies in a coopetitive multi-echelon supply chain. Journal of Intelligent Manufacturing, 2015, 26, 1131-1144.	4.4	29
34	Coping with uncertainties via resilient supply chain framework. International Journal of Procurement Management, 2015, 8, 182.	0.1	4
35	Weight restrictions in Data Envelopment Analysis: A comprehensive Genetic Algorithm based approach for incorporating value judgments. Expert Systems With Applications, 2015, 42, 1503-1512.	4.4	27
36	Multidimensional utility analysis in a two-tier supply chain. Journal of Manufacturing Systems, 2015, 37, 437-447.	7.6	3

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37	A journey from normative to behavioral operations in supply chain management: A review using Latent Semantic Analysis. Expert Systems With Applications, 2015, 42, 796-809.	4.4	43
38	Measuring supply chain resilience using a deterministic modeling approach. Computers and Industrial Engineering, 2014, 74, 11-25.	3.4	315
39	Steady-state availability analysis of repairable mechanical systems with opportunistic maintenance by using Semi-Markov process. International Journal of Systems Assurance Engineering and Management, 2014, 5, 664-678.	1.5	15
40	Universal supplier selection via multi-dimensional auction mechanisms for two-way competition in oligopoly market of supply chain. Omega, 2014, 47, 127-137.	3.6	16
41	A comprehensive environment friendly approach for supplier selection. Omega, 2014, 42, 109-123.	3.6	255
42	Structural investigation of a healthcare value chain: A social network analysis approach. , 2014, , .		2
43	Availability Analysis of Repairable Mechanical Systems Using Analytical Semi-Markov Approach. Quality Engineering, 2013, 25, 97-107.	0.7	26
44	An ISM Approach to Model and Analyze Agility of a Supply Chain: A Case of Fashion Industry. , 2013, , .		1
45	A grey approach for forecasting in a supply chain during intermittentdisruptions. Engineering Applications of Artificial Intelligence, 2013, 26, 1044-1051.	4.3	42
46	Quantifying risks in a supply chain through integration of fuzzy AHP and fuzzy TOPSIS. International Journal of Production Research, 2013, 51, 2433-2442.	4.9	239
47	A study on the interactions between supply chain risk management criteria using fuzzy DEMATEL method. International Journal of Operational Research, 2013, 18, 255.	0.1	19
48	Feasibility of analytical solution for transient availability using semi-Markov process. International Journal of Reliability and Safety, 2013, 7, 388.	0.2	1
49	Four C's in supply chain management: Research issues and challenges. , 2012, , .		0
50	RELIABILITY AND AVAILABILITY ANALYSIS OF MECHANICAL SYSTEMS USING STOCHASTIC PETRI NET MODELING BASED ON DECOMPOSITION APPROACH. International Journal of Reliability, Quality and Safety Engineering, 2012, 19, 1250005.	0.4	8
51	Special issue on sustainable supply chain management and reverse logistics. International Journal of Production Research, 2012, 50, 1239-1242.	4.9	5
52	Effect of sharing forecast information on the performance of a supply chain experiencing disruptions. International Journal of Logistics Systems and Management, 2012, 13, 509.	0.2	12
53	A two-phase constrained Chaotic Bee Colony approach towards managing coopetition in supply chain. , 2012, , .		3
54	An integrated approach for machine tool selection using fuzzy analytical hierarchy process and grey relational analysis. International Journal of Production Research, 2012, 50, 3211-3221.	4.9	98

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55	A framework of reverse logistics for the automobile industry. International Journal of Production Research, 2012, 50, 1318-1331.	4.9	76
56	Modeling an Agile Supply Chain: Research Challenges and Future Directions. Advances in Intelligent and Soft Computing, 2012, , 277-285.	0.2	2
57	Minimizing the vulnerabilities of supply chain: A new framework for enhancing the resilience. , 2011, , .		31
58	A conceptual framework for modelling reverse logistics networks. International Journal of Business Performance and Supply Chain Modelling, 2011, 3, 353.	0.2	9
59	A review on select models for supply chain formation. International Journal of Business Performance and Supply Chain Modelling, 2011, 3, 113.	0.2	7
60	Reliability and Availability Modeling of Mechanical Systems Using Stochastic Petri Net. , 2011, , .		1
61	Studying the impact of various inventory policies on a supply chain with intermittent supply disruptions. , 2011, , .		5
62	Enhancing flexibility in supply chains: Modelling random demands and non-stationary supply information. International Journal of Computer Integrated Manufacturing, 2009, 22, 812-822.	2.9	9
63	A knowledge-based discrete event simulation approach for supplier selection with order allocation. , 2009, , .		1
64	Select supplier-related issues in modelling a dynamic supply chain: potential, challenges and direction for future research. International Journal of Production Research, 2009, 47, 3013-3039.	4.9	117
65	Dynamic supply chain modeling using a new fuzzy hybrid negotiation mechanism. International Journal of Production Economics, 2009, 122, 319-328.	5.1	26
66	Editorial note for the special issue on 'Artificial Intelligence Techniques for Supply Chain Management'. Engineering Applications of Artificial Intelligence, 2009, 22, 829-831.	4.3	8
67	Revisiting information systems to support a dynamic supply chain: issues and perspectives. Production Planning and Control, 2009, 20, 17-29.	5.8	42
68	Strategic supplier selection: some emerging issues and challenges. International Journal of Logistics Systems and Management, 2009, 5, 61.	0.2	28
69	Modeling Buyer-Supplier Relationships in Dynamic Supply Chains. , 2009, , 288-316.		0
70	A new approach for evaluating agility in supply chains using Fuzzy Association Rules Mining. Engineering Applications of Artificial Intelligence, 2008, 21, 367-385.	4.3	102
71	What's the buzz about moving from 'lean' to 'agile' integrated supply chains? A fuzzy intelligent agent-based approach. International Journal of Production Research, 2008, 46, 6649-6677.	4.9	99
72	Managing long supply chain networks: some emerging issues and challenges. Journal of Manufacturing Technology Management, 2008, 19, 469-496.	3.3	39

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73	Production planning in an assembly system with social and industrial constraints: a dynamic programming approach. International Journal of Services Operations and Informatics, 2007, 2, 131.	0.2	4
74	A fuzzy association rules mining approach for modeling agility in supply chains. , 2007, , .		1
75	Strategies and challenges in dynamic supply chain procurement activities. , 2007, , .		1
76	A new approach to model goal and plan conflicts in a dynamic supply chain. , 2007, , .		2
77	Supplier selection using fuzzy association rules mining approach. International Journal of Production Research, 2007, 45, 1323-1353.	4.9	65
78	A Negotiation-to-Coordinate (N2C) Mechanism for Modeling Buyer-Supplier Relationship in Dynamic Environment. International Journal of Enterprise Information Systems, 2007, 3, 1-22.	0.6	10
79	Modelling and analysis of supply chain dynamics: a High Intelligent Time (HIT) petri net based approach. International Journal of Industrial and Systems Engineering, 2006, 1, 59.	0.1	26
80	e-Commerce and supply chains: Modelling of dynamics through fuzzy enhanced high level petri net. Sadhana - Academy Proceedings in Engineering Sciences, 2005, 30, 403-429.	0.8	11
81	Evaluation of the supplier performance using an evolutionary fuzzy€based approach. Journal of Manufacturing Technology Management, 2004, 15, 735-744.	3.3	79
82	Modelling and analysis of wafer fabrication scheduling via generalized stochastic Petri net and simulated annealing. International Journal of Production Research, 2003, 41, 3501-3527.	4.9	40