Sanjoy Kumar Paul

List of Publications by Year
in descending order

111 papers	5,020 citations	94269 37 h-index	110170 64 g-index
114 all docs	114 docs citations	114 times ranked	2761 citing authors

#	Article	IF	Citations
1	COVID-19 pandemic related supply chain studies: A systematic review. Transportation Research, Part E: Logistics and Transportation Review, 2021, 148, 102271.	3.7	507
2	Drivers to sustainable manufacturing practices and circular economy: A perspective of leather industries in Bangladesh. Journal of Cleaner Production, 2018, 174, 1366-1380.	4.6	311
3	A production recovery plan in manufacturing supply chains for a high-demand item during COVID-19. International Journal of Physical Distribution and Logistics Management, 2021, 51, 104-125.	4.4	280
4	Supply chain recovery challenges in the wake of COVID-19 pandemic. Journal of Business Research, 2021, 136, 316-329.	5.8	167
5	Modeling the interrelationships among barriers to sustainable supply chain management in leather industry. Journal of Cleaner Production, 2018, 181, 631-651.	4.6	158
6	Critical success factors for a circular economy: Implications for business strategy and the environment. Business Strategy and the Environment, 2020, 29, 3611-3635.	8.5	148
7	Strategies for Managing the Impacts of Disruptions During COVID-19: an Example of Toilet Paper. Global Journal of Flexible Systems Management, 2020, 21, 283-293.	3.4	147
8	Barriers to green supply chain management: An emerging economy context. Journal of Cleaner Production, 2019, 236, 117617.	4.6	125
9	A case study on strategies to deal with the impacts of COVID-19 pandemic in the food and beverage industry. Operations Management Research, 2022, 15, 166-178.	5.0	123
10	Barriers to big data analytics in manufacturing supply chains: A case study from Bangladesh. Computers and Industrial Engineering, 2019, 128, 1063-1075.	3.4	120
11	Applications of MCDM methods in research on corporate sustainability. Management of Environmental Quality, 2020, 31, 385-405.	2.2	95
12	Real time disruption management for a two-stage batch productionâ€“inventory system with reliability considerations. European Journal of Operational Research, 2014, 237, 113-128.	3.5	94
13	A quantitative model for disruption mitigation in a supply chain. European Journal of Operational Research, 2017, 257, 881-895.	3.5	86
14	An integrated approach to modeling the barriers in implementing green manufacturing practices in SMEs. Journal of Cleaner Production, 2020, 265, 121737.	4.6	83
15	Employee performance evaluation: a fuzzy approach. International Journal of Productivity and Performance Management, 2013, 62, 718-734.	2.2	82
16	Examining price and service competition among retailers in a supply chain under potential demand disruption. Journal of Retailing and Consumer Services, 2018, 40, 40-47.	5.3	81
17	Analysis of risk factors in sustainable supply chain management in an emerging economy of leather industry. Journal of Cleaner Production, 2021, 283, 124641.	4.6	77
18	Addressing the Challenges to Sustainable Initiatives in Value Chain Flexibility: Implications for Sustainable Development Goals. Global Journal of Flexible Systems Management, 2021, 22, 179-197.	3.4	72

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19	Managing disruption in an imperfect productionâ€“inventory system. Computers and Industrial Engineering, 2015, 84, 101-112.	3.4	71
20	From Supply Chain Integration to Operational Performance: The Moderating Effect of Market Uncertainty. Global Journal of Flexible Systems Management, 2018, 19, 3-20.	3.4	69
21	An agent-based model for supply chain recovery in the wake of the COVID-19 pandemic. Computers and Industrial Engineering, 2021, 158, 107401.	3.4	68
22	Strategies to Manage the Impacts of the COVID-19 Pandemic in the Supply Chain: Implications for Improving Economic and Social Sustainability. Sustainability, 2020, 12, 9483.	1.6	67
23	Managing sudden transportation disruptions in supply chains under delivery delay and quantity loss. Annals of Operations Research, 2019, 273, 783-814.	2.6	60
24	Managing risk and disruption in production-inventory and supply chain systems: A review. Journal of Industrial and Management Optimization, 2015, 12, 1009-1029.	0.8	60
25	Environmental sustainability assessment in supply chain: An emerging economy context. Environmental Impact Assessment Review, 2019, 79, 106306.	4.4	55
26	Supply chain sustainability assessment with Dempster-Shafer evidence theory: Implications in cleaner production. Journal of Cleaner Production, 2019, 237, 117771.	4.6	53
27	Supplier selection for managing supply risks in supply chain: a fuzzy approach. International Journal of Advanced Manufacturing Technology, 2015, 79, 657-664.	1.5	51
28	A structural model for investigating the driving and dependence power of supply chain risks in the readymade garment industry. Journal of Retailing and Consumer Services, 2019, 51, 102-113.	5.3	50
29	Barriers to lean six sigma implementation in the supply chain: An ISM model. Computers and Industrial Engineering, 2020, 149, 106843.	3.4	46
30	Modelling of supply chain disruption analytics using an integrated approach: An emerging economy example. Expert Systems With Applications, 2021, 173, 114690.	4.4	46
31	An investigation of key performance indicators for operational excellence towards sustainability in the leather products industry. Business Strategy and the Environment, 2020, 29, 3331-3351.	8.5	44
32	A mathematical modelling approach for managing sudden disturbances in a three-tier manufacturing supply chain. Annals of Operations Research, 2019, 280, 299-335.	2.6	42
33	Modeling transportation disruptions in the supply chain of automotive parts manufacturing company. International Journal of Production Economics, 2020, 222, 107511.	5.1	42
34	Analyzing cause and effect relationships among drivers and barriers to circular economy implementation in the context of an emerging economy. Journal of Cleaner Production, 2022, 364, 132618.	4.6	42
35	Sustainable Supply Chain Management and Multi-Criteria Decision-Making Methods: A Systematic Review. Sustainability, 2021, 13, 7104.	1.6	41
36	Key supply chain strategies for the post-COVID-19 era: implications for resilience and sustainability. International Journal of Logistics Management, 2023, 34, 1165-1187.	4.1	41

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37	Managing real-time demand fluctuation under a supplierâ€“retailer coordinated system. International Journal of Production Economics, 2014, 158, 231-243.	5.1	40
38	A quantitative and simulation model for managing sudden supply delay with fuzzy demand and safety stock. International Journal of Production Research, 2018, 56, 4377-4395.	4.9	40
39	Antecedents for greening the workforce: implications for green human resource management. International Journal of Manpower, 2019, 41, 1135-1153.	2.5	40
40	A disruption recovery plan in a three-stage production-inventory system. Computers and Operations Research, 2015, 57, 60-72.	2.4	39
41	A reactive mitigation approach for managing supply disruption in a three-tier supply chain. Journal of Intelligent Manufacturing, 2018, 29, 1581-1597.	4.4	39
42	Supply chain viability in the context of COVID-19 pandemic in small and medium-sized enterprises: implications for sustainable development goals. Journal of Enterprise Information Management, 2022, 35, 100-124.	4.4	38
43	A framework for digital supply chains in the era of circular economy: Implications on environmental sustainability. Business Strategy and the Environment, 2022, 31, 1249-1274.	8.5	35
44	A recovery planning model for online business operations under the COVID-19 outbreak. International Journal of Production Research, 2023, 61, 2613-2635.	4.9	34
45	Supply chain resilience initiatives and strategies: A systematic review. Computers and Industrial Engineering, 2022, 170, 108317.	3.4	32
46	A grey approach to predicting healthcare performance. Measurement: Journal of the International Measurement Confederation, 2019, 134, 307-325.	2.5	30
47	Examining barriers to reverse logistics practices in the leather footwear industry. Annals of Operations Research, 2020, 293, 715-746.	2.6	30
48	Development of a production inventory model with uncertainty and reliability considerations. Optimization and Engineering, 2014, 15, 697-720.	1.3	29
49	Stochastic optimization approach for green routing and planning in perishable food production. Journal of Cleaner Production, 2022, 333, 130063.	4.6	29
50	Evaluating strategies for environmental sustainability in a supply chain of an emerging economy. Journal of Cleaner Production, 2020, 262, 121389.	4.6	28
51	Assessing sustainability risks in the supply chain of the textile industry under uncertainty. Resources, Conservation and Recycling, 2022, 177, 105975.	5.3	28
52	Analyzing barriers and strategies for implementing Lean Six Sigma in the context of Indian SMEs. Benchmarking, 2020, 27, 2365-2399.	2.9	27
53	Enablers for resilience and pandemic preparedness in food supply chain. Operations Management Research, 2022, 15, 1198-1223.	5.0	27
54	An innovative decision-making framework for evaluating transportation service providers based on sustainable criteria. International Journal of Production Research, 2020, 58, 7334-7352.	4.9	26

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55	Key Challenges to Sustainable Humanitarian Supply Chains: Lessons from the COVID-19 Pandemic. Sustainability, 2021, 13, 5850.	1.6	26
56	Gender differences in information and communication technology use & skills: a systematic review and meta-analysis. Education and Information Technologies, 2022, 27, 4225-4258.	3.5	26
57	A hierarchical model for critical success factors in apparel supply chain. Business Process Management Journal, 2020, 26, 1761-1788.	2.4	25
58	An artificial neural network model for optimization of finished goods inventory. International Journal of Industrial Engineering Computations, 2011, 2, 431-438.	0.4	24
59	Evaluating Supply Chain Collaboration Barriers in Small- and Medium-Sized Enterprises. Sustainability, 2021, 13, 7449.	1.6	24
60	Mitigating partial-disruption risk: A joint facility location and inventory model considering customersâ€™ preferences and the role of substitute products and backorder offers. Computers and Operations Research, 2020, 117, 104884.	2.4	22
61	Modelling the drivers of solar energy development in an emerging economy: Implications for sustainable development goals. Resources, Conservation & Recycling Advances, 2022, 13, 200068.	1.1	22
62	High-Performance Robust Controller Design of Plug-In Hybrid Electric Vehicle for Frequency Regulation of Smart Grid Using Linear Matrix Inequality Approach. IEEE Access, 2019, 7, 116911-116924.	2.6	21
63	Dynamic sustainability requirements of stakeholders and the supply portfolio. Journal of Cleaner Production, 2020, 255, 120148.	4.6	21
64	Resilient NdFeB magnet recycling under the impacts of COVID-19 pandemic: Stochastic programming and Benders decomposition. Transportation Research, Part E: Logistics and Transportation Review, 2021, 155, 102505.	3.7	20
65	Sustainable operator assignment in an assembly line using genetic algorithm. International Journal of Production Research, 2012, 50, 5077-5084.	4.9	19
66	Optimisation of a production inventory model with reliability considerations. International Journal of Logistics Systems and Management, 2014, 17, 22.	0.2	19
67	Managing decentralized supply chain using bilevel with Nash game approach. Journal of Cleaner Production, 2020, 266, 121865.	4.6	19
68	An event-based reactive scheduling approach for the Resource Constrained Project Scheduling Problem with unreliable resources. Computers and Industrial Engineering, 2021, 151, 106981.	3.4	18
69	Operational challenges during a pandemic: an investigation in the electronics industry. International Journal of Logistics Management, 2023, 34, 336-362.	4.1	18
70	Critical Success Factors for Supply Chain Sustainability in the Wood Industry: An Integrated PCA-ISM Model. Sustainability, 2022, 14, 1863.	1.6	18
71	A systematic literature review on the service supply chain: research agenda and future research directions. Production Planning and Control, 2020, 31, 1363-1384.	5.8	17
72	An inventory model for a three-stage supply chain with random capacities considering disruptions and supplier reliability. Annals of Operations Research, 2022, 315, 1703-1728.	2.6	17

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73	Measuring sustainability performance using an integrated model. Measurement: Journal of the International Measurement Confederation, 2021, 184, 109931.	2.5	17
74	Key performance indicators for a sustainable recovery strategy in health-care supply chains: COVID-19 pandemic perspective. Journal of Asia Business Studies, 2022, 16, 472-494.	1.3	17
75	Performance evaluation of control chart for multiple assignable causes using genetic algorithm. International Journal of Advanced Manufacturing Technology, 2014, 70, 1889-1902.	1.5	16
76	Application of adaptive neuro-fuzzy inference system and artificial neural network in inventory level forecasting. International Journal of Business Information Systems, 2015, 18, 268.	0.2	16
77	A mathematical model for managing the multi-dimensional impacts of the COVID-19 pandemic in supply chain of a high-demand item. Annals of Operations Research, 2022, , 1-46.	2.6	16
78	Procurement Issues in Donor-Funded International Development Projects. Journal of Management in Engineering - ASCE, 2018, 34, 04018041.	2.6	14
79	Contextual relationships among key factors related to environmental sustainability: Evidence from an emerging economy. Sustainable Production and Consumption, 2021, 27, 86-99.	5.7	13
80	Modeling the blockchain readiness challenges for product recovery system. Annals of Operations Research, 2022, , 1-45.	2.6	13
81	Benchmarking sustainable Eâ€commerce enterprises based on evolving customer expectations amidst COVIDâ€19 pandemic. Business Strategy and the Environment, 2023, 32, 736-752.	8.5	13
82	The Future of Manufacturing Global Value Chains, Smart Specialization and Flexibility!. Global Journal of Flexible Systems Management, 2018, 19, 1-2.	3.4	12
83	Green Supply Chain Performance Prediction Using a Bayesian Belief Network. Sustainability, 2020, 12, 1101.	1.6	12
84	A Disruption Recovery Model in a Production-Inventory System with Demand Uncertainty and Process Reliability. Lecture Notes in Computer Science, 2013, , 511-522.	1.0	12
85	The impact of digitalization on supply chain resilience: an empirical study of the Chinese manufacturing industry. Journal of Business and Industrial Marketing, 2023, 38, 1-11.	1.8	12
86	A Novel Blended State Estimated Adaptive Controller for Voltage and Current Control of Microgrid Against Unknown Noise. IEEE Access, 2019, 7, 161975-161995.	2.6	11
87	Multi-objective robust-stochastic optimisation of relief goods distribution under uncertainty: a real-life case study. International Journal of Systems Science: Operations and Logistics, 2022, 9, 241-262.	2.0	11
88	Evaluating factors contributing to the failure of information system in the banking industry. PLoS ONE, 2022, 17, e0265674.	1.1	11
89	Barriers to achieving sustainability in pharmaceutical supply chains in the post-COVID-19 era. International Journal of Emerging Markets, 2023, 18, 6037-6060.	1.3	11
90	A comparative analysis of power demand forecasting with artificial intelligence and traditional approach. International Journal of Business Information Systems, 2013, 13, 359.	0.2	10

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91	Ordering policy in a supply chain with adaptive neuro-fuzzy inference system demand forecasting. International Journal of Management Science and Engineering Management, 2014, 9, 114-124.	2.6	10
92	An advanced decision-making model for evaluating manufacturing plant locations using fuzzy inference system. Expert Systems With Applications, 2022, 191, 116378.	4.4	10
93	Multiple criteria supplier selection: a fuzzy approach. International Journal of Logistics Systems and Management, 2015, 20, 429.	0.2	9
94	Integrated Model for Soft Drink Industry Supply Chain Risk Assessment: Implications for Sustainability in Emerging Economies. International Journal of Fuzzy Systems, 2022, 24, 1148-1169.	2.3	9
95	Examining risks and strategies for the spice processing supply chain in the context of an emerging economy. International Journal of Emerging Markets, 2023, 18, 1124-1146.	1.3	9
96	A neural approach to product demand forecasting. International Journal of Industrial and Systems Engineering, 2013, 15, 1.	0.1	8
97	A combined approach for modeling multi-echelon multi-period decentralized supply chain. Annals of Operations Research, 2022, 315, 1665-1702.	2.6	7
98	Economic design of X control chart using genetic algorithm and simulated annealing algorithm. International Journal of Productivity and Quality Management, 2014, 14, 352.	0.1	6
99	Integrated economic design of quality control and maintenance management: Implications for managing manufacturing process. International Journal of Systems Assurance Engineering and Management, 2021, 12, 263-280.	1.5	6
100	Development of a CNC interpolation scheme for CNC controller based on Runge-Kutta method. International Journal of Computer Aided Engineering and Technology, 2012, 4, 445.	0.1	5
101	Managing supply disruption in a three-tier supply chain with multiple suppliers and retailers. , 2014, , .		5
102	Coordination mechanisms in a twoâ€stage green supply chain: analyzing the impact of transportation decisions on environment. International Transactions in Operational Research, 2023, 30, 4170-4207.	1.8	5
103	Multi-warehouse, multi-product inventory control model for agri-fresh products â€“ A case study. Computers and Electronics in Agriculture, 2022, 194, 106783.	3.7	5
104	A novel methodology for perception-based portfolio management. Annals of Operations Research, 0, , 1.	2.6	4
105	Sustainable sequencing of N jobs on one machine: a fuzzy approach. International Journal of Services and Operations Management, 2013, 15, 44.	0.1	3
106	Robust transcoding resistant watermarking for H.264 standard. Multimedia Tools and Applications, 2014, 73, 763-778.	2.6	3
107	Fuzzy optimisation of multi-objective job shop scheduling based on inventory information. International Journal of Services and Operations Management, 2013, 15, 123.	0.1	2
108	Bi-objective Multistage Decentralized Supply Chain Planning. , 2020, , .		2

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109	Transcoding resistant robust watermarking technique using entropy-based selective spread spectrum. International Journal of Multimedia Intelligence and Security, 2010, 1, 350.	0.1	1
110	Selection of the optimal number of shifts in fuzzy environment: manufacturing companyâ€™s facility application. Journal of Industrial Engineering and Management, 2010, 3, .	1.0	1
111	Sustainable Assessment in Supply Chain and Infrastructure Management. Sustainability, 2022, 14, 6787.	1.6	1