

Sachin Kumar Mangla

List of Publications by Year in descending order

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Version: 2024-02-01

136
papers

10,304
citations

28190

55
h-index

39575

94
g-index

140
all docs

140
docs citations

140
times ranked

5248
citing authors

#	ARTICLE	IF	CITATIONS
1	Barriers for adoption of Industry 4.0 in sustainable food supply chain: a circular economy perspective. <i>International Journal of Productivity and Performance Management</i> , 2024, 73, 385-411.	2.2	22
2	The Impact of IoT on the Performance of Vaccine Supply Chain Distribution in the COVID-19 Context. <i>IEEE Transactions on Engineering Management</i> , 2024, , 1-11.	2.4	27
3	Risks to Big Data Analytics and Blockchain Technology Adoption in Supply Chains. <i>Annals of Operations Research</i> , 2023, 327, 339-374.	2.6	13
4	A proposed framework for multi-tier supplier performance in sustainable supply chains. <i>International Journal of Production Research</i> , 2023, 61, 4742-4764.	4.9	7
5	Supply chain network redesign problem for major beverage organization in ASEAN region. <i>Annals of Operations Research</i> , 2023, 324, 1067-1098.	2.6	2
6	Using emerging technologies to improve the sustainability and resilience of supply chains in a fuzzy environment in the context of COVID-19. <i>Annals of Operations Research</i> , 2023, 322, 217-240.	2.6	23
7	A decision framework for incorporating the coordination and behavioural issues in sustainable supply chains in digital economy. <i>Annals of Operations Research</i> , 2023, 326, 721-749.	2.6	12
8	Risk assessment for sustainability in e-waste recycling in circular economy. <i>Clean Technologies and Environmental Policy</i> , 2022, 24, 1145-1157.	2.1	28
9	When challenges need an evaluation: for operational excellence and sustainability orientation in humanitarian supply and logistics management. <i>Production Planning and Control</i> , 2022, 33, 539-557.	5.8	4
10	Optimal number of remanufacturing in a circular economy platform. <i>International Journal of Logistics Research and Applications</i> , 2022, 25, 454-470.	5.6	11
11	Modeling the emergency health-care supply chains: responding to the COVID-19 pandemic. <i>Journal of Business and Industrial Marketing</i> , 2022, 37, 1623-1639.	1.8	28
12	Critical success factors influencing artificial intelligence adoption in food supply chains. <i>International Journal of Production Research</i> , 2022, 60, 4621-4640.	4.9	66
13	Integration of green and lean practices for sustainable business management. <i>Business Strategy and the Environment</i> , 2022, 31, 353-370.	8.5	26
14	Smart circular supply chains to Achieving SDGs for post-pandemic preparedness. <i>Journal of Enterprise Information Management</i> , 2022, 35, 237-265.	4.4	16
15	ICT as "Knowledge Management" for Assessing Sustainable Consumption and Production in Supply Chains. , 2022, , 889-925.		0
16	The derived demand for advertising expenses and implications on sustainability: a comparative study using deep learning and traditional machine learning methods. <i>Annals of Operations Research</i> , 2022, , 1-31.	2.6	14
17	A Green Dual-Channel Closed-Loop Supply Chain Network Design Model. <i>Journal of Cleaner Production</i> , 2022, 332, 130062.	4.6	30
18	Past, present, and future of sustainable finance: insights from big data analytics through machine learning of scholarly research. <i>Annals of Operations Research</i> , 2022, , 1-44.	2.6	81

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19	Impact of information technology and knowledge sharing on circular food supply chains for green business growth. <i>Business Strategy and the Environment</i> , 2022, 31, 1875-1904.	8.5	25
20	An integrated literature review on sustainable food supply chains: Exploring research themes and future directions. <i>Science of the Total Environment</i> , 2022, 821, 153411.	3.9	31
21	Socio-technological framework for selecting suppliers of pharmaceuticals in a pandemic environment. <i>Journal of Enterprise Information Management</i> , 2022, 35, 1570-1591.	4.4	10
22	Data-driven optimal dynamic pricing strategy for reducing perishable food waste at retailers. <i>Journal of Cleaner Production</i> , 2022, 344, 131068.	4.6	24
23	Resilience and complexity measurement for energy efficient global supply chains in disruptive events. <i>Technological Forecasting and Social Change</i> , 2022, 179, 121634.	6.2	16
24	Exploring the green waste management problem in food supply chains: A circular economy context. <i>Journal of Cleaner Production</i> , 2022, 351, 131355.	4.6	33
25	Resources melioration and the circular economy: Sustainability potentials for mineral, mining and extraction sector in emerging economies. <i>Resources Policy</i> , 2022, 77, 102652.	4.2	31
26	A conceptual framework for blockchain-based sustainable supply chain and evaluating implementation barriers: A case of the tea supply chain. <i>Business Strategy and the Environment</i> , 2022, 31, 3693-3716.	8.5	51
27	Uncovering interrelationships between barriers to unmanned aerial vehicles in humanitarian logistics. <i>Operations Management Research</i> , 2022, 15, 1134-1160.	5.0	12
28	Role of flexibility, agility and responsiveness for sustainable supply chain resilience during COVID-19. <i>Journal of Cleaner Production</i> , 2022, 362, 132431.	4.6	40
29	Exploring the application of Industry 4.0 technologies in the agricultural food supply chain: A systematic literature review. <i>Computers and Industrial Engineering</i> , 2022, 169, 108304.	3.4	40
30	Barriers to organic waste management in a circular economy. <i>Journal of Cleaner Production</i> , 2022, 362, 132282.	4.6	26
31	Mediating effect of big data analytics on project performance of small and medium enterprises. <i>Journal of Enterprise Information Management</i> , 2021, 34, 168-198.	4.4	52
32	Key operational and institutional factors for improving food safety: a case study from Chile. <i>Production Planning and Control</i> , 2021, 32, 1248-1264.	5.8	23
33	Modeling the Industry 4.0 adoption for sustainable production in Micro, Small & Medium Enterprises. <i>Journal of Cleaner Production</i> , 2021, 279, 123489.	4.6	93
34	Performance evaluation of reverse logistics in food supply chains in a circular economy using system dynamics. <i>Business Strategy and the Environment</i> , 2021, 30, 71-91.	8.5	72
35	Fifteen years of international journal of productivity and performance management (2004-2018). <i>International Journal of Productivity and Performance Management</i> , 2021, 70, 1092-1117.	2.2	17
36	Managing healthcare waste for sustainable environmental development: A hybrid decision approach. <i>Business Strategy and the Environment</i> , 2021, 30, 357-373.	8.5	33

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37	Circular economy and the policy: A framework for improving the corporate environmental management in supply chains. <i>Business Strategy and the Environment</i> , 2021, 30, 590-608.	8.5	125
38	Big Data Analytics as a mediator in Lean, Agile, Resilient, and Green (LARG) practices effects on sustainable supply chains. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2021, 145, 102170.	3.7	109
39	ICT as "Knowledge Management" for Assessing Sustainable Consumption and Production in Supply Chains. <i>Journal of Global Information Management</i> , 2021, 29, 164-198.	1.4	30
40	A systematic literature review to integrate lean, agile, resilient, green and sustainable paradigms in the supply chain management. <i>Business Strategy and the Environment</i> , 2021, 30, 1191-1212.	8.5	73
41	A framework to assess the challenges to food safety initiatives in an emerging economy. <i>Journal of Cleaner Production</i> , 2021, 284, 124709.	4.6	21
42	Risks in Sustainable Food Supply Chain Management. , 2021, , 265-280.		1
43	Unlocking causal relations of barriers to big data analytics in manufacturing firms. <i>Industrial Management and Data Systems</i> , 2021, 121, 1939-1968.	2.2	18
44	Leveraging big data analytics capabilities in making reverse logistics decisions and improving remanufacturing performance. <i>International Journal of Logistics Management</i> , 2021, 32, 742-765.	4.1	19
45	Mitigate risks in perishable food supply chains: Learning from COVID-19. <i>Technological Forecasting and Social Change</i> , 2021, 166, 120643.	6.2	123
46	Using system dynamics to analyze the societal impacts of blockchain technology in milk supply chainsrefer. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2021, 149, 102289.	3.7	66
47	What do we know about business strategy and environmental research? Insights from <i>Business Strategy and the Environment</i> . <i>Business Strategy and the Environment</i> , 2021, 30, 3454-3469.	8.5	93
48	Lateral inventory share-based models for IoT-enabled E-commerce sustainable food supply networks. <i>Computers and Operations Research</i> , 2021, 130, 105237.	2.4	44
49	Technological interventions in social business: Mapping current research and establishing future research agenda. <i>Technological Forecasting and Social Change</i> , 2021, 169, 120818.	6.2	30
50	A fuzzy based hybrid decision framework to circularity in dairy supply chains through big data solutions. <i>Technological Forecasting and Social Change</i> , 2021, 170, 120927.	6.2	34
51	Impact of information hiding on circular food supply chains in business-to-business context. <i>Journal of Business Research</i> , 2021, 135, 1-18.	5.8	29
52	Understanding choice behavior towards plastic consumption: An emerging market investigation. <i>Resources, Conservation and Recycling</i> , 2021, 174, 105828.	5.3	58
53	Industry 4.0 impacts on responsible environmental and societal management in the family business. <i>Technological Forecasting and Social Change</i> , 2021, 173, 121108.	6.2	32
54	Investigating Enablers to Improve Transparency in Sustainable Food Supply Chain Using F-BWM. <i>Advances in Intelligent Systems and Computing</i> , 2021, , 567-575.	0.5	1

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55	Past, present, and future of knowledge management for business sustainability. <i>Journal of Cleaner Production</i> , 2021, 328, 129592.	4.6	50
56	Social responsibility and cost-learning in dyadic supply chain coordination. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2021, 156, 102549.	3.7	17
57	Procurement 4.0 and its implications on business process performance in a circular economy. <i>Resources, Conservation and Recycling</i> , 2020, 152, 104502.	5.3	169
58	A step to clean energy - Sustainability in energy system management in an emerging economy context. <i>Journal of Cleaner Production</i> , 2020, 242, 118462.	4.6	86
59	Industry 4.0 as an enabler of sustainability diffusion in supply chain: an analysis of influential strength of drivers in an emerging economy. <i>International Journal of Production Research</i> , 2020, 58, 1505-1521.	4.9	230
60	Development of a lean manufacturing framework to enhance its adoption within manufacturing companies in developing economies. <i>Journal of Cleaner Production</i> , 2020, 245, 118726.	4.6	124
61	Mediating role of cloud of things in improving performance of small and medium enterprises in the Indian context. <i>Annals of Operations Research</i> , 2020, , 1.	2.6	16
62	Exploring indicators of circular economy adoption framework through a hybrid decision support approach. <i>Journal of Cleaner Production</i> , 2020, 277, 124186.	4.6	53
63	Operational excellence for improving sustainable supply chain performance. <i>Resources, Conservation and Recycling</i> , 2020, 162, 105025.	5.3	64
64	Stakeholder pressure for sustainability: Can "innovative capabilities" explain the idiosyncratic response in the manufacturing firms?. <i>Business Strategy and the Environment</i> , 2020, 29, 2635-2653.	8.5	35
65	SYNCHRONIZED BARRIERS FOR CIRCULAR SUPPLY CHAINS IN INDUSTRY 3.5/INDUSTRY 4.0 TRANSITION FOR SUSTAINABLE RESOURCE MANAGEMENT. <i>Resources, Conservation and Recycling</i> , 2020, 161, 104986.	5.3	137
66	Risk analysis of the agri-food supply chain: A multi-method approach. <i>International Journal of Production Research</i> , 2020, 58, 4851-4876.	4.9	72
67	Effects of technological changes on China's carbon emissions. <i>Technological Forecasting and Social Change</i> , 2020, 153, 119938.	6.2	145
68	A framework to overcome sustainable supply chain challenges through solution measures of industry 4.0 and circular economy: An automotive case. <i>Journal of Cleaner Production</i> , 2020, 254, 120112.	4.6	326
69	Critical factors to environment management in a closed loop supply chain. <i>Journal of Cleaner Production</i> , 2020, 255, 120239.	4.6	55
70	Environmental management and the "soft side" of organisations: Discovering the most relevant behavioural factors in green supply chains. <i>Business Strategy and the Environment</i> , 2020, 29, 1647-1665.	8.5	63
71	Using system dynamics to assess the environmental management of cement industry in streaming data context. <i>Science of the Total Environment</i> , 2020, 715, 136948.	3.9	32
72	Challenges in perishable food supply chains for sustainability management: A developing economy perspective. <i>Business Strategy and the Environment</i> , 2020, 29, 1809-1831.	8.5	80

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73	Operational excellence in a green supply chain for environmental management: A case study. <i>Business Strategy and the Environment</i> , 2020, 29, 1532-1547.	8.5	32
74	COVID-19 impact on sustainable production and operations management. <i>Sustainable Operations and Computers</i> , 2020, 1, 1-7.	6.3	211
75	Barriers to the Development of Smart Cities in Indian Context. <i>Information Systems Frontiers</i> , 2019, 21, 503-525.	4.1	154
76	Logistics and distribution challenges to managing operations for corporate sustainability: Study on leading Indian dairy organizations. <i>Journal of Cleaner Production</i> , 2019, 238, 117620.	4.6	72
77	When challenges impede the process. <i>Management Decision</i> , 2019, 57, 995-1017.	2.2	126
78	Green talent management to unlock sustainability in the oil and gas sector. <i>Journal of Cleaner Production</i> , 2019, 229, 850-862.	4.6	69
79	Evaluating the human resource related soft dimensions in green supply chain management implementation. <i>Production Planning and Control</i> , 2019, 30, 699-715.	5.8	97
80	Applications of information and communication technology for sustainable growth of SMEs in India food industry. <i>Resources, Conservation and Recycling</i> , 2019, 147, 10-18.	5.3	117
81	Linking big data analytics and operational sustainability practices for sustainable business management. <i>Journal of Cleaner Production</i> , 2019, 224, 10-24.	4.6	222
82	An analysis of causal relationships among challenges impeding redistributed manufacturing in emerging economies. <i>Journal of Cleaner Production</i> , 2019, 225, 949-962.	4.6	57
83	The adoption of operational environmental sustainability approaches in the Thai manufacturing sector. <i>Journal of Cleaner Production</i> , 2019, 220, 507-528.	4.6	83
84	Developing a sustainable smart city framework for developing economies: An Indian context. <i>Sustainable Cities and Society</i> , 2019, 47, 101462.	5.1	113
85	When practices count. <i>Management of Environmental Quality</i> , 2019, 31, 1207-1222.	2.2	6
86	Change management for sustainability: Evaluating the role of human, operational and technological factors in leading Indian firms in home appliances sector. <i>Journal of Cleaner Production</i> , 2019, 213, 847-862.	4.6	78
87	Mapping the human resource focused enablers with sustainability viewpoints in Indian power sector. <i>Journal of Cleaner Production</i> , 2019, 210, 1311-1323.	4.6	28
88	When stakeholder pressure drives the circular economy. <i>Management Decision</i> , 2019, 57, 904-920.	2.2	134
89	When risks need attention: adoption of green supply chain initiatives in the pharmaceutical industry. <i>International Journal of Production Research</i> , 2019, 57, 3554-3576.	4.9	109
90	Examining the performance oriented indicators for implementing green management practices in the Indian agro sector. <i>Journal of Cleaner Production</i> , 2019, 215, 926-943.	4.6	88

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91	Risks in Sustainable Food Supply Chain Management. <i>Advances in Mechatronics and Mechanical Engineering</i> , 2019, , 117-131.	1.0	0
92	Analyzing challenges to Internet of Things (IoT) adoption and diffusion: An Indian context. <i>Procedia Computer Science</i> , 2018, 125, 733-739.	1.2	77
93	Sustainable Food Supply Chain Management Implementation Using DEMATEL Approach. <i>Springer Transactions in Civil and Environmental Engineering</i> , 2018, , 115-125.	0.3	8
94	Implementation of Sustainable Consumption and Production Using DEMATEL. <i>Springer Transactions in Civil and Environmental Engineering</i> , 2018, , 133-144.	0.3	2
95	Evaluating challenges to Industry 4.0 initiatives for supply chain sustainability in emerging economies. <i>Chemical Engineering Research and Design</i> , 2018, 117, 168-179.	2.7	536
96	Modelling critical success factors for sustainability initiatives in supply chains in Indian context using Grey-DEMATEL. <i>Production Planning and Control</i> , 2018, 29, 705-728.	5.8	124
97	Evaluating the Drivers to Information and Communication Technology for Effective Sustainability Initiatives in Supply Chains. <i>International Journal of Information Technology and Decision Making</i> , 2018, 17, 311-338.	2.3	45
98	Ranking the Success Factors to Improve Safety and Security in Sustainable Food Supply Chain Management Using Fuzzy AHP. <i>Materials Today: Proceedings</i> , 2018, 5, 12187-12196.	0.9	22
99	Benchmarking the risk assessment in green supply chain using fuzzy approach to FMEA. <i>Benchmarking</i> , 2018, 25, 2660-2687.	2.9	50
100	Decision modeling of risks in pharmaceutical supply chains. <i>Industrial Management and Data Systems</i> , 2018, 118, 1388-1412.	2.2	61
101	Is lean synergistic with sustainable supply chain? An empirical investigation from emerging economy. <i>Resources, Conservation and Recycling</i> , 2018, 139, 262-269.	5.3	50
102	Barriers to effective circular supply chain management in a developing country context. <i>Production Planning and Control</i> , 2018, 29, 551-569.	5.8	344
103	Hybrid BWM-ELECTRE-based decision framework for effective offshore outsourcing adoption: a case study. <i>International Journal of Production Research</i> , 2018, 56, 6259-6278.	4.9	81
104	When strategies matter: Adoption of sustainable supply chain management practices in an emerging economyâ€™s context. <i>Resources, Conservation and Recycling</i> , 2018, 138, 194-206.	5.3	118
105	Enablers to implement sustainable initiatives in agri-food supply chains. <i>International Journal of Production Economics</i> , 2018, 203, 379-393.	5.1	213
106	Mobile wallet inhibitors: Developing a comprehensive theory using an integrated model. <i>Journal of Retailing and Consumer Services</i> , 2018, 45, 52-63.	5.3	76
107	Predicting changing pattern: building model for consumer decision making in digital market. <i>Journal of Enterprise Information Management</i> , 2018, 31, 674-703.	4.4	67
108	Benchmarking the logistics management implementation using Delphi and fuzzy DEMATEL. <i>Benchmarking</i> , 2018, 25, 1795-1828.	2.9	28

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109	Management of Risks in Sustainable Supply Chain Using AHP and Monte Carlo Simulation. <i>Advances in Business Strategy and Competitive Advantage Book Series</i> , 2018, , 58-76.	0.2	3
110	Prioritizing the barriers to achieve sustainable consumption and production trends in supply chains using fuzzy Analytical Hierarchy Process. <i>Journal of Cleaner Production</i> , 2017, 151, 509-525.	4.6	207
111	Prioritising indicators in improving supply chain performance using fuzzy AHP: insights from the case example of four Indian manufacturing companies. <i>Production Planning and Control</i> , 2017, 28, 552-573.	5.8	63
112	Structural model for sustainable consumption and production adoptionâ€”A grey-DEMATEL based approach. <i>Resources, Conservation and Recycling</i> , 2017, 125, 198-207.	5.3	107
113	An integrated framework for sustainable supplier selection and evaluation in supply chains. <i>Journal of Cleaner Production</i> , 2017, 140, 1686-1698.	4.6	617
114	Identify and prioritise the critical factors in implementing the reverse logistics practices: a case of Indian auto component manufacturer. <i>International Journal of Business and Systems Research</i> , 2017, 11, 42.	0.2	17
115	Identify and prioritise the critical factors in implementing the reverse logistics practices: a case of Indian auto component manufacturer. <i>International Journal of Business and Systems Research</i> , 2017, 11, 42.	0.2	4
116	Using AHP to evaluate barriers in adopting sustainable consumption and production initiatives in a supply chain. <i>International Journal of Production Economics</i> , 2016, 181, 342-349.	5.1	185
117	A combined approach using AHP and DEMATEL for evaluating success factors in implementation of green supply chain management in Indian manufacturing industries. <i>International Journal of Logistics Research and Applications</i> , 2016, 19, 537-561.	5.6	150
118	Critical success factors for reverse logistics in Indian industries: a structural model. <i>Journal of Cleaner Production</i> , 2016, 129, 608-621.	4.6	142
119	A fuzzy DEMATEL-based approach for evaluation of risks in green initiatives in supply chain. <i>International Journal of Logistics Systems and Management</i> , 2016, 24, 226.	0.2	13
120	Evaluating the enablers in solar power developments in the current scenario using fuzzy DEMATEL: An Indian perspective. <i>Renewable and Sustainable Energy Reviews</i> , 2016, 63, 379-397.	8.2	95
121	An integrated methodology of FTA and fuzzy AHP for risk assessment in green supply chain. <i>International Journal of Operational Research</i> , 2016, 25, 77.	0.1	54
122	Identification and evaluation of critical factors to technology transfer using AHP approach. <i>International Strategic Management Review</i> , 2015, 3, 24-42.	2.3	52
123	Risk analysis in green supply chain using fuzzy AHP approach: A case study. <i>Resources, Conservation and Recycling</i> , 2015, 104, 375-390.	5.3	351
124	Prioritizing the responses to manage risks in green supply chain: An Indian plastic manufacturer perspective. <i>Sustainable Production and Consumption</i> , 2015, 1, 67-86.	5.7	72
125	Sustainable assessment in energy planning and management in Indian perspective. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 47, 58-73.	8.2	88
126	Evaluating factors in implementation of successful green supply chain management using DEMATEL: A case study. <i>International Strategic Management Review</i> , 2015, 3, 96-109.	2.3	136

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127	Flexible Decision Modeling for Evaluating the Risks in Green Supply Chain Using Fuzzy AHP and IRP Methodologies. Global Journal of Flexible Systems Management, 2015, 16, 19-35.	3.4	72
128	Monte Carlo Simulation Based Approach to Manage Risks in Operational Networks in Green Supply Chain. Procedia Engineering, 2014, 97, 2186-2194.	1.2	24
129	Flexible Decision Approach for Analysing Performance of Sustainable Supply Chains Under Risks/Uncertainty. Global Journal of Flexible Systems Management, 2014, 15, 113-130.	3.4	146
130	A Flexible Decision Framework for Building Risk Mitigation Strategies in Green Supply Chain Using SAP and IRP Approaches. Global Journal of Flexible Systems Management, 2014, 15, 203-218.	3.4	69
131	Analysis of flexible decision strategies for sustainability-focused green product recovery system. International Journal of Production Research, 2013, 51, 3428-3442.	4.9	123
132	Analysis of Performance Focused Variables for Multi-Objective Flexible Decision Modeling Approach of Product Recovery Systems. Global Journal of Flexible Systems Management, 2012, 13, 77-86.	3.4	50
133	Assessing dairy supply chain vulnerability during the Covid-19 pandemic. International Journal of Logistics Research and Applications, 0, , 1-19.	5.6	27
134	Data analytics for quality management in Industry 4.0 from a MSME perspective. Annals of Operations Research, 0, , 1.	2.6	20
135	Management of Risks in Sustainable Supply Chain Using AHP and Monte Carlo Simulation. , 0, , 1633-1652.		1
136	A circular business cluster model for sustainable operations management. International Journal of Logistics Research and Applications, 0, , 1-19.	5.6	10