

# Sachin S Kamble

## List of Publications by Year in descending order

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Version: 2024-02-01

102  
papers

7,392  
citations

134610

34  
h-index

73587

79  
g-index

112  
all docs

112  
docs citations

112  
times ranked

4618  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sustainable Industry 4.0 framework: A systematic literature review identifying the current trends and future perspectives. <i>Chemical Engineering Research and Design</i> , 2018, 117, 408-425.	2.7	802
2	Understanding the Blockchain technology adoption in supply chains-Indian context. <i>International Journal of Production Research</i> , 2019, 57, 2009-2033.	4.9	524
3	Achieving sustainable performance in a data-driven agriculture supply chain: A review for research and applications. <i>International Journal of Production Economics</i> , 2020, 219, 179-194.	5.1	493
4	Modeling the blockchain enabled traceability in agriculture supply chain. <i>International Journal of Information Management</i> , 2020, 52, 101967.	10.5	466
5	Manufacturing and service supply chain resilience to the COVID-19 outbreak: Lessons learned from the automobile and airline industries. <i>Technological Forecasting and Social Change</i> , 2021, 163, 120447.	6.2	396
6	Analysis of the driving and dependence power of barriers to adopt industry 4.0 in Indian manufacturing industry. <i>Computers in Industry</i> , 2018, 101, 107-119.	5.7	391
7	A systematic literature review on machine learning applications for sustainable agriculture supply chain performance. <i>Computers and Operations Research</i> , 2020, 119, 104926.	2.4	342
8	Industry 4.0 and lean manufacturing practices for sustainable organisational performance in Indian manufacturing companies. <i>International Journal of Production Research</i> , 2020, 58, 1319-1337.	4.9	334
9	Agriculture supply chain risks and COVID-19: mitigation strategies and implications for the practitioners. <i>International Journal of Logistics Research and Applications</i> , 0, , 1-27.	5.6	213
10	Modeling the internet of things adoption barriers in food retail supply chains. <i>Journal of Retailing and Consumer Services</i> , 2019, 48, 154-168.	5.3	210
11	A performance measurement system for industry 4.0 enabled smart manufacturing system in SMMEs- A review and empirical investigation. <i>International Journal of Production Economics</i> , 2020, 229, 107853.	5.1	194
12	The integrated effect of Big Data Analytics, Lean Six Sigma and Green Manufacturing on the environmental performance of manufacturing companies: The case of North Africa. <i>Journal of Cleaner Production</i> , 2020, 252, 119903.	4.6	149
13	Big data-driven supply chain performance measurement system: a review and framework for implementation. <i>International Journal of Production Research</i> , 2020, 58, 65-86.	4.9	142
14	A machine learning based approach for predicting blockchain adoption in supply Chain. <i>Technological Forecasting and Social Change</i> , 2021, 163, 120465.	6.2	142
15	Artificial intelligence-driven innovation for enhancing supply chain resilience and performance under the effect of supply chain dynamism: an empirical investigation. <i>Annals of Operations Research</i> , 2024, 333, 627-652.	2.6	126
16	A study on investments in the big data-driven supply chain, performance measures and organisational performance in Indian retail 4.0 context. <i>International Journal of Production Research</i> , 2020, 58, 1574-1593.	4.9	115
17	Industry 4.0 adoption for sustainability in multi-tier manufacturing supply chain in emerging economies. <i>Journal of Cleaner Production</i> , 2021, 281, 125013.	4.6	112
18	Big GIS analytics framework for agriculture supply chains: A literature review identifying the current trends and future perspectives. <i>Computers and Electronics in Agriculture</i> , 2018, 155, 103-120.	3.7	101

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19	Digital twin for sustainable manufacturing supply chains: Current trends, future perspectives, and an implementation framework. <i>Technological Forecasting and Social Change</i> , 2022, 176, 121448.	6.2	99
20	Linkages between big data analytics, circular economy, sustainable supply chain flexibility, and sustainable performance in manufacturing firms. <i>International Journal of Production Research</i> , 2022, 60, 6908-6922.	4.9	88
21	Building supply-chain resilience: an artificial intelligence-based technique and decision-making framework. <i>International Journal of Production Research</i> , 2022, 60, 4487-4507.	4.9	78
22	Sustainability through online renting clothing: Circular fashion fueled by instagram micro-celebrities. <i>Journal of Cleaner Production</i> , 2021, 278, 123772.	4.6	76
23	Evaluating barriers and solutions for social sustainability adoption in multi-tier supply chains. <i>International Journal of Production Research</i> , 2021, 59, 3378-3397.	4.9	76
24	Has Covid-19 accelerated opportunities for digital entrepreneurship? An Indian perspective. <i>Technological Forecasting and Social Change</i> , 2022, 175, 121415.	6.2	75
25	Blockchain technology's impact on supply chain integration and sustainable supply chain performance: evidence from the automotive industry. <i>Annals of Operations Research</i> , 2023, 327, 575-600.	2.6	72
26	Fuzzy multi-criteria decision analysis for environmentally conscious solid waste treatment and disposal technology selection. <i>Technology in Society</i> , 2019, 57, 20-29.	4.8	70
27	Analyzing the mediating role of organizational ambidexterity and digital business transformation on industry 4.0 capabilities and sustainable supply chain performance. <i>Supply Chain Management</i> , 2022, 27, 696-711.	3.7	69
28	A large multi-group decision-making technique for prioritizing the big data-driven circular economy practices in the automobile component manufacturing industry. <i>Technological Forecasting and Social Change</i> , 2021, 165, 120567.	6.2	68
29	Modeling landfill site selection using an integrated fuzzy MCDM approach. <i>Modeling Earth Systems and Environment</i> , 2016, 2, 1.	1.9	62
30	Smart circular product design strategies towards eco-effective production systems: A lean eco-design industry 4.0 framework. <i>Journal of Cleaner Production</i> , 2021, 320, 128847.	4.6	57
31	Building supply chain resilience and efficiency through additive manufacturing: An ambidextrous perspective on the dynamic capability view. <i>International Journal of Production Economics</i> , 2022, 249, 108516.	5.1	52
32	A systematic perspective on the applications of big data analytics in healthcare management. <i>International Journal of Healthcare Management</i> , 2019, 12, 226-240.	1.2	46
33	Building trust in multi-stakeholder collaborations for new product development in the digital transformation era. <i>Benchmarking</i> , 2021, 28, 205-228.	2.9	46
34	An integrated smart, green, resilient, and lean manufacturing framework: A literature review and future research directions. <i>Journal of Cleaner Production</i> , 2021, 319, 128691.	4.6	46
35	A cloud computing adoption in Indian SMEs: Scale development and validation approach. <i>Journal of High Technology Management Research</i> , 2017, 28, 221-245.	2.7	44
36	A self-assessment tool for evaluating the integration of circular economy and industry 4.0 principles in closed-loop supply chains. <i>International Journal of Production Economics</i> , 2022, 245, 108372.	5.1	41

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37	An investigation of the relationship between supply chain management practices (SCMP) on supply chain performance measurement (SCPM) of Indian retail chain using SEM. Benchmarking, 2017, 24, 257-295.	2.9	40
38	Infectious Waste Management Strategy during COVID-19 Pandemic in Africa: an Integrated Decision-Making Framework for Selecting Sustainable Technologies. Environmental Management, 2020, 66, 1085-1104.	1.2	39
39	Sustainable supply chain management practices and performance. Management of Environmental Quality, 2019, 31, 1147-1182.	2.2	38
40	An ensemble machine learning approach for forecasting credit risk of agricultural SMEs' investments in agriculture 4.0 through supply chain finance. Annals of Operations Research, 2021, , 1-29.	2.6	30
41	The application of Delphi and AHP method in environmentally conscious solid waste treatment and disposal technology selection. Management of Environmental Quality, 2016, 27, 427-440.	2.2	29
42	Antecedents of Blockchain-Enabled E-commerce Platforms (BEEP) adoption by customers – A study of second-hand small and medium apparel retailers. Journal of Business Research, 2022, 149, 576-588.	5.8	29
43	Analysing the role of Industry 4.0 technologies and circular economy practices in improving sustainable performance in Indian manufacturing organisations. Production Planning and Control, 2023, 34, 887-901.	5.8	28
44	Modeling the implementation barriers of cloud computing adoption. Benchmarking, 2018, 25, 2760-2782.	2.9	27
45	A readiness self-assessment model for implementing green lean initiatives. Journal of Cleaner Production, 2021, 309, 127401.	4.6	27
46	An integrated fuzzy-AHP-LP (FAHLP) approach for supplier selection and purchasing decisions. International Journal of Services and Operations Management, 2011, 10, 400.	0.1	26
47	Adoption of social media by Business Education students: Application of Technology Acceptance Model (TAM). , 2012, , .		26
48	Identification and evaluation of landfill site selection criteria using a hybrid Fuzzy Delphi, Fuzzy AHP and DEMATEL based approach. Modeling Earth Systems and Environment, 2016, 2, 1.	1.9	26
49	Improving port efficiency: a comparative study of selected ports in India. International Journal of Shipping and Transport Logistics, 2010, 2, 444.	0.2	25
50	Evaluation of supplier selection criteria by combination of AHP and fuzzy DEMATEL method. International Journal of Business Innovation and Research, 2011, 5, 359.	0.1	25
51	Measurement of service quality in banks: a comparative study between public and private banks in India. International Journal of Services and Operations Management, 2011, 10, 274.	0.1	23
52	Impact of financial risk on supply chains: a manufacturer-supplier relational perspective. International Journal of Production Research, 2021, 59, 7090-7105.	4.9	23
53	Analysing the effect of uncertain environmental factors on supplier-buyer strategic partnership (SBSP) by using structural equation model (SEM). International Journal of Procurement Management, 2012, 5, 202.	0.1	22
54	The effect of motivators, supply, and lean management on sustainable supply chain management practices and performance. Benchmarking, 2019, 27, 347-381.	2.9	22

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55	A Big Data Analytics-driven Lean Six Sigma framework for enhanced green performance: a case study of chemical company. <i>Production Planning and Control</i> , 2023, 34, 767-790.	5.8	22
56	Behavioral mechanisms influencing sustainable supply chain governance decision-making from a dyadic buyer-supplier perspective. <i>International Journal of Production Economics</i> , 2021, 236, 108136.	5.1	20
57	Internet of things for perishable inventory management systems: an application and managerial insights for micro, small and medium enterprises. <i>Annals of Operations Research</i> , 2021, , 1-29.	2.6	20
58	Supplier selection using integrated multi-criteria decision-making methodology. <i>International Journal of Operational Research</i> , 2012, 13, 359.	0.1	19
59	3PL evaluation and selection using integrated analytical modeling. <i>Journal of Modelling in Management</i> , 2017, 12, 224-242.	1.1	19
60	Exploration of barriers and enablers of blockchain adoption for sustainable performance: implications for e-enabled agriculture supply chains. <i>International Journal of Logistics Research and Applications</i> , 2023, 26, 1498-1535.	5.6	18
61	Decision support system framework for performance based evaluation and ranking system of carry and forward agents. <i>Strategic Outsourcing</i> , 2015, 8, 23-52.	1.4	16
62	Quantum computing led innovation for achieving a more sustainable Covid-19 healthcare industry. <i>Technovation</i> , 2023, 120, 102544.	4.2	16
63	Analysing the implementation barriers of dual cycling in port container terminal using interpretive structural modeling- Indian context. <i>International Journal of Logistics Research and Applications</i> , 2019, 22, 119-137.	5.6	15
64	Twenty-five years of <i>Benchmarking: An International Journal (BIJ)</i>. <i>Benchmarking</i> , 2020, 27, 760-780.	2.9	15
65	Development, measurement and validation of supply chain performance measurement (SCPM) scale in Indian retail sector. <i>Benchmarking</i> , 2016, 23, 25-60.	2.9	14
66	A deep learning-based approach for performance assessment and prediction: A case study of pulp and paper industries. <i>Annals of Operations Research</i> , 2024, 332, 405-431.	2.6	14
67	3D Printing for sustainable food supply chains: modelling the implementation barriers. <i>International Journal of Logistics Research and Applications</i> , 2023, 26, 1190-1216.	5.6	14
68	Multi-criteria decision-making for automobile purchase using an integrated analytical quality fuzzy (AQF) technique. <i>International Journal of Services and Operations Management</i> , 2011, 10, 136.	0.1	13
69	To examine the relationships between supplier development practices and supplier-buyer relationship practices from the supplier's perspective. <i>Benchmarking</i> , 2017, 24, 1309-1336.	2.9	13
70	Evaluating the factors considered for procurement of raw material in food supply chain using Delphi-AHP methodology - a case study of potato chips processing company in India. <i>International Journal of Productivity and Quality Management</i> , 2019, 26, 176.	0.1	13
71	Agriculture value chain sustainability during COVID-19: an emerging economy perspective. <i>International Journal of Logistics Management</i> , 2023, 34, 280-303.	4.1	13
72	Global food security post COVID-19: Dearth or dwell in the developing world?. <i>Agronomy Journal</i> , 2022, 114, 878-884.	0.9	13

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73	Effect of supply chain management practices on supply chain profitability: an empirical investigation using structural equation modelling in Indian retail sector. <i>International Journal of Services and Operations Management</i> , 2013, 16, 145.	0.1	12
74	Entrepreneurial and Intrapreneurial Attitudes: Conceptualization, Measure Development, Measure Test and Model Fit. <i>Management and Labour Studies</i> , 2015, 40, 1-21.	0.9	12
75	An assessment of sustainable house using FST-QFD-AHP multi-criteria decision-making approach. <i>International Journal of Procurement Management</i> , 2016, 9, 86.	0.1	11
76	A hybrid approach using data envelopment analysis and artificial neural network for optimising 3PL supplier selection. <i>International Journal of Logistics Systems and Management</i> , 2017, 26, 203.	0.2	11
77	The effect of the client-contractor relationship on project performance. <i>International Journal of Productivity and Performance Management</i> , 2019, 69, 541-558.	2.2	11
78	An empirical examination of the procurement-led supply chain in the construction industry. <i>International Journal of Procurement Management</i> , 2017, 10, 1.	0.1	10
79	An empirical study of real-time information-receiving using industry 4.0 technologies in downstream operations. <i>Technological Forecasting and Social Change</i> , 2021, 165, 120551.	6.2	10
80	Development, measurement and validation of supply chain management practices scale in Indian retail sector. <i>International Journal of Procurement Management</i> , 2013, 6, 495.	0.1	9
81	Evaluation and selection of third-party logistics providers using an integrated multi-criteria decision making approach. <i>International Journal of Services and Operations Management</i> , 2018, 29, 373.	0.1	9
82	Service Quality Measurement in Information Systems. <i>Journal of Global Information Management</i> , 2021, 29, 1-19.	1.4	9
83	An empirical assessment of relational contracting model for supply chain of construction projects. <i>International Journal of Managing Projects in Business</i> , 2019, 13, 1537-1560.	1.3	8
84	Evaluating the modus operandi of construction supply chains using organization control theory. <i>International Journal of Construction Supply Chain Management</i> , 2015, 5, 16-33.	0.3	8
85	A combined confirmatory factor analysis and fuzzy-analytic hierarchy process-TOPSIS (CFAT) framework for measurement of airline service quality. <i>International Journal of Services and Operations Management</i> , 2016, 23, 347.	0.1	7
86	Sustainable partner selection: an integrated AHP-TOPSIS approach. <i>International Journal of Operational Research</i> , 2020, 39, 205.	0.1	7
87	Scale development for supply chain operational performance model in Indian automobile industry by using exploratory factor analysis. <i>International Journal of Logistics Systems and Management</i> , 2015, 22, 210.	0.2	5
88	To identify the critical success factors for cloud computing adoption by MCDM technique. <i>International Journal of Business Information Systems</i> , 2017, 24, 469.	0.2	5
89	Overcoming the post-processing barriers for 3D-printed medical models. <i>Rapid Prototyping Journal</i> , 2023, 29, 33-49.	1.6	5
90	Outsourcing printing services as a competitive manufacturing strategy: a case study. <i>International Journal of Procurement Management</i> , 2010, 3, 12.	0.1	4

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91	Reengineering in-plant logistics: a case study of Cement Manufacturing Plant in India. International Journal of Logistics Systems and Management, 2011, 10, 19.	0.2	4
92	Exploring critical criteria for compressed natural gas/liquefied petroleum gas (CNG/LPG) kits manufacturer in India: a case study. International Journal of Business Excellence, 2011, 4, 440.	0.2	4
93	Food supply chains and COVID-19: A way forward. Agronomy Journal, 2021, 113, 2195-2197.	0.9	4
94	Evaluating the factors considered for procurement of raw material in food supply chain using Delphi-AHP methodology a case study of potato chips processing company in India. International Journal of Productivity and Quality Management, 2019, 26, 176.	0.1	4
95	Logistic service quality and organisational performance: conceptualisation, measure development, measure test and model fit. International Journal of Logistics Systems and Management, 2016, 25, 532.	0.2	2
96	Development and validation of an integrated supply chain operational performance model for Indian automobile industry. International Journal of Procurement Management, 2016, 9, 27.	0.1	2
97	Big Data Management Activities for Sustainable Business Performance During the COVID-19 Pandemic: Evidence from the Indian Pharmaceutical Sector. IEEE Transactions on Engineering Management, 2024, , 1-15.	2.4	2
98	Issues in Implementing Customer Relationship Management (CRM) in State Government Departments. Management and Labour Studies, 2003, 28, 31-36.	0.9	0
99	Sustainable Excellence in Small and Medium Sized Enterprises. Industrial Ecology, 2022, , .	0.8	0
100	Beyond the Hype: Smart Manufacturing and Sustainable Excellence for SMEs. Industrial Ecology, 2022, , 107-122.	0.8	0
101	Circular Economy in SMEs: The Role of Lean, Lean Six Sigma and Smart Manufacturing. Industrial Ecology, 2022, , 191-203.	0.8	0
102	Sustainable, Lean and Resilient SMEs in the Age of COVID 19. Industrial Ecology, 2022, , 169-189.	0.8	0