

Nachiappan Subramanian

List of Publications by Year in descending order

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Version: 2024-02-01

127
papers

6,468
citations

81434

41
h-index

84171

75
g-index

130
all docs

130
docs citations

130
times ranked

5787
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Impact of High-Performance Work Practices on Efficiency and Effectiveness of Multispecialty Healthcare Service Delivery in an Emerging Economy's Role of Relational Coordination. <i>IEEE Transactions on Engineering Management</i> , 2023, 70, 2656-2667.	2.4	1
3	Food supply chain in the era of Industry 4.0: blockchain technology implementation opportunities and impediments from the perspective of people, process, performance, and technology. <i>Production Planning and Control</i> , 2022, 33, 301-321.	5.8	143
4	Performance analysis of clustering methods for balanced multi-robot task allocations. <i>International Journal of Production Research</i> , 2022, 60, 4576-4591.	4.9	13
5	Impact of disruptions in agri-food supply chain due to COVID-19 pandemic: contextualised resilience framework to achieve operational excellence. <i>International Journal of Logistics Management</i> , 2022, 33, 926-954.	4.1	56
6	Circular economy and digital capabilities of SMEs for providing value to customers: Combined resource-based view and ambidexterity perspective. <i>Journal of Business Research</i> , 2022, 142, 32-44.	5.8	72
7	Assessing the GHG Emissions and Savings during the Recycling of NMC Lithium-Ion Batteries Used in Electric Vehicles in China. <i>Processes</i> , 2022, 10, 342.	1.3	0
8	Systematic Literature Review on Remanufacturing Trade Based on Bibliometric Analysis. <i>Processes</i> , 2022, 10, 596.	1.3	1
9	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
10	A multi-dimensional decision framework for modular value transfer activity. <i>Production Planning and Control</i> , 2021, 32, 368-381.	5.8	6
11	Disturbances to the supply chains of high-value manufacturing firms: comparison of the perceptions of product managers and supply chain managers. <i>International Journal of Production Research</i> , 2021, 59, 3916-3934.	4.9	14
12	An Exploratory Study on Blockchain Application in a Food Processing Supply Chain to Reduce Waste. , 2021, , 1146-1164.		0
13	An examination of the effect of supply chain disruption risk drivers on organizational performance: evidence from Chinese supply chains. <i>Supply Chain Management</i> , 2021, 26, 548-562.	3.7	45
14	An Exploratory Study on Blockchain Application in a Food Processing Supply Chain to Reduce Waste. , 2021, , 376-394.		0
15	Exploring the Blockchain Technology Application in the Chinese New Retail Business Model. , 2021, , 559-571.		0
16	Sustainable Supply Chain Management: Research Pathways Based on Empirical Evidence from Chinese Automotive Companies. <i>Profiles in Operations Research</i> , 2021, , 171-197.	0.3	0
17	The dark side of supply chain digitalisation: supplier-perceived digital capability asymmetry, buyer opportunism and governance. <i>International Journal of Operations and Production Management</i> , 2021, 41, 1220-1247.	3.5	36
18	Impact of ambidexterity of blockchain technology and social factors on new product development: A supply chain and Industry 4.0 perspective. <i>Technological Forecasting and Social Change</i> , 2021, 169, 120819.	6.2	62

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19	Optimal allocation of near-expiry food in a retailer-foodbank supply network with economic and environmental considerations: An aggregator's perspective. <i>Journal of Cleaner Production</i> , 2021, 318, 128481.	4.6	7
20	A multi-echelon dynamic cold chain for managing vaccine distribution. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2021, 156, 102542.	3.7	23
21	Ambiguity and its coping mechanisms in supply chains lessons from the Covid-19 pandemic and natural disasters. <i>International Journal of Operations and Production Management</i> , 2020, 40, 1201-1223.	3.5	117
22	Strategic and operational remanufacturing mental models. <i>International Journal of Operations and Production Management</i> , 2020, 40, 173-195.	3.5	10
23	Gender diversity for sustainability management: developing a research agenda from a supply chain perspective. <i>Logistique & Management</i> , 2020, 28, 224-239.	0.3	10
24	Stakeholder engagement in a sustainable sales and operations planning process. <i>Business Strategy and the Environment</i> , 2020, 29, 3526-3541.	8.5	12
25	Blockchain and Supply Chain Logistics. , 2020, , .		24
26	Supply chain collaboration and eco-innovations: An institutional perspective from China. <i>Business Strategy and the Environment</i> , 2020, 29, 2734-2754.	8.5	67
27	The soft side of knowledge transfer partnerships between universities and small to medium enterprises: an exploratory study to understand process improvement. <i>Production Planning and Control</i> , 2019, 30, 907-918.	5.8	14
28	Environmental improvement initiatives in the coal mining industry: maximisation of the triple bottom line. <i>Production Planning and Control</i> , 2019, 30, 426-436.	5.8	25
29	A heuristics approach for computing the largest eigenvalue of a pairwise comparison matrix. <i>International Journal of Operational Research</i> , 2019, 34, 524.	0.1	0
30	Green human resource management and the enablers of green organisational culture: Enhancing a firm's environmental performance for sustainable development. <i>Business Strategy and the Environment</i> , 2019, 28, 737-749.	8.5	400
31	Logistics service provider selection for disaster preparation: a socio-technical systems perspective. <i>Annals of Operations Research</i> , 2019, 283, 1259-1282.	2.6	32
32	Role of traditional Chinese philosophies and new product development under circular economy in private manufacturing enterprise performance. <i>International Journal of Production Research</i> , 2019, 57, 7219-7234.	4.9	20
33	Dynamic temporary blood facility location-allocation during and post-disaster periods. <i>Annals of Operations Research</i> , 2019, 283, 705-736.	2.6	40
34	The impact of TQM and information communication technology (ICT) as an enabler in the quality management assessment framework (QMAF) on business outcomes. <i>International Journal of Systems Science: Operations and Logistics</i> , 2019, 6, 69-85.	2.0	7
35	Fit between humanitarian professionals and project requirements: hybrid group decision procedure to reduce uncertainty in decision-making. <i>Annals of Operations Research</i> , 2019, 283, 471-496.	2.6	9
36	Out-in, in-out buyer quality innovation pathways for new product outcome: Empirical evidence from the Chinese consumer goods industry. <i>International Journal of Production Economics</i> , 2019, 207, 183-194.	5.1	9

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37	An Exploratory Study on Blockchain Application in a Food Processing Supply Chain to Reduce Waste. <i>Advances in Logistics, Operations, and Management Science Book Series</i> , 2019, , 61-85.	0.3	1
38	Exploring the Blockchain Technology Application in the Chinese New Retail Business Model. <i>Advances in Logistics, Operations, and Management Science Book Series</i> , 2019, , 86-102.	0.3	0
39	A heuristics approach for computing the largest eigenvalue of a pairwise comparison matrix. <i>International Journal of Operational Research</i> , 2019, 34, 524.	0.1	0
40	Sustainable decision model for liner shipping industry. <i>Computers and Operations Research</i> , 2018, 89, 213-229.	2.4	17
41	Strategies and practices for inclusive manufacturing: twenty-first-century sustainable manufacturing competitiveness. <i>International Journal of Computer Integrated Manufacturing</i> , 2018, 31, 490-493.	2.9	7
42	A two-dimensional, two-level framework for achieving corporate sustainable development: Assessing the return on sustainability initiatives. <i>Business Strategy and the Environment</i> , 2018, 27, 1117-1130.	8.5	14
43	Can Your Network Make You Happy? <i>Entrepreneur's™ Business Network Utilization and Subjective Well-being</i> . <i>British Journal of Management</i> , 2018, 29, 613-633.	3.3	16
44	The social preferences of local citizens and spontaneous volunteerism during disaster relief operations. <i>International Journal of Production Research</i> , 2018, 56, 6793-6808.	4.9	18
45	Assessing the readiness to implement lean in healthcare institutions – A case study. <i>International Journal of Production Economics</i> , 2018, 197, 123-142.	5.1	68
46	Data driven hybrid evolutionary analytical approach for multi objective location allocation decisions: Automotive green supply chain empirical evidence. <i>Computers and Operations Research</i> , 2018, 98, 265-283.	2.4	48
47	Natural disasters, PC supply chain and corporate performance. <i>International Journal of Operations and Production Management</i> , 2018, 38, 1796-1814.	3.5	39
48	Data driven safe vehicle routing analytics: a differential evolution algorithm to reduce CO ₂ emissions and hazardous risks. <i>Annals of Operations Research</i> , 2018, 270, 515-538.	2.6	9
49	Cold chain configuration design: location-allocation decision-making using coordination, value deterioration, and big data approximation. <i>Annals of Operations Research</i> , 2018, 270, 433-457.	2.6	44
50	Optimisation of transportation service network using \hat{p} -node large neighbourhood search. <i>Computers and Operations Research</i> , 2018, 89, 193-205.	2.4	14
51	Sustainable operations modeling and data analytics. <i>Computers and Operations Research</i> , 2018, 89, 163-167.	2.4	13
52	Implementation of lean manufacturing and lean audit system in an auto parts manufacturing industry – an industrial case study. <i>International Journal of Computer Integrated Manufacturing</i> , 2018, 31, 579-594.	2.9	32
53	Prioritizing warehouse performance measures in contemporary supply chains. <i>International Journal of Productivity and Performance Management</i> , 2018, 67, 1703-1726.	2.2	25
54	Decision-making in cold chain logistics using data analytics: a literature review. <i>International Journal of Logistics Management</i> , 2018, 29, 839-861.	4.1	92

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55	Missing link between sustainability collaborative strategy and supply chain performance: Role of dynamic capability. <i>International Journal of Production Economics</i> , 2018, 203, 96-109.	5.1	93
56	An Optimization Model for Sustainability Program. <i>Annals of Operations Research</i> , 2017, 250, 389-425.	2.6	15
57	Closed loop supply chain networks: Designs for energy and time value efficiency. <i>International Journal of Production Economics</i> , 2017, 183, 382-393.	5.1	62
58	Influence of non-price and environmental sustainability factors on truckload procurement process. <i>Annals of Operations Research</i> , 2017, 250, 363-388.	2.6	17
59	Information technology for competitive advantage within logistics and supply chains: A review. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2017, 99, 14-33.	3.7	180
60	Role of social media in retail network operations and marketing to enhance customer satisfaction. <i>International Journal of Operations and Production Management</i> , 2017, 37, 105-123.	3.5	155
61	Impact of customer loyalty and service operations on customer behaviour and firm performance: empirical evidence from UK retail sector. <i>Production Planning and Control</i> , 2017, 28, 478-488.	5.8	21
62	Improving supply chain performance through management capabilities. <i>Production Planning and Control</i> , 2017, 28, 473-477.	5.8	22
63	Multi-agent system with iterative auction mechanism for master bay plan problem in marine logistics. <i>Maritime Policy and Management</i> , 2017, 44, 705-726.	1.9	9
64	Returnable transport packaging in developing countries: drivers, barriers and business performance. <i>Production Planning and Control</i> , 2017, 28, 629-658.	5.8	30
65	Barriers to coastal shipping development: An Indian perspective. <i>Transportation Research, Part D: Transport and Environment</i> , 2017, 52, 362-378.	3.2	63
66	An examination of drivers and barriers to reducing carbon emissions in China's manufacturing sector. <i>International Journal of Logistics Management</i> , 2017, 28, 1168-1195.	4.1	9
67	Logistics and cloud computing service providers' cooperation: a resilience perspective. <i>Production Planning and Control</i> , 2017, 28, 919-928.	5.8	37
68	Sustainable global operations management and frugal innovative sustainable production methods: Advancing theory and practice for a truly sustainable society. <i>Sustainable Production and Consumption</i> , 2017, 11, 1-4.	5.7	1
69	Review of sustainable service-based business models in the Chinese truck sector. <i>Sustainable Production and Consumption</i> , 2017, 11, 31-45.	5.7	11
70	Port sustainable services innovation: Ningbo port users' expectation. <i>Sustainable Production and Consumption</i> , 2017, 11, 58-67.	5.7	10
71	Short-term versus long-term benefits: Balanced sustainability framework and research propositions. <i>Sustainable Production and Consumption</i> , 2017, 11, 18-30.	5.7	22
72	Integrated optimization model and methodology for plastics recycling: Indian empirical evidence. <i>Journal of Cleaner Production</i> , 2017, 153, 707-717.	4.6	23

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73	Big Data Analytics. Advances in Logistics, Operations, and Management Science Book Series, 2017, , 13-23.	0.3	1
74	Big Data Analytics. Advances in Logistics, Operations, and Management Science Book Series, 2017, , 1-12.	0.3	0
75	4th party logistics service providers and industrial cluster competitiveness. Industrial Management and Data Systems, 2016, 116, 1303-1330.	2.2	20
76	A new fast large neighbourhood search for service network design with asset balance constraints. , 2016, , .		0
77	Composite particle algorithm for sustainable integrated dynamic ship routing and scheduling optimization. Computers and Industrial Engineering, 2016, 96, 201-215.	3.4	104
78	Distributed hybrid multiagent task allocation approach for dual-nozzle 3D printers in microfactories. International Journal of Production Research, 2016, 54, 7014-7026.	4.9	6
79	The relationship between supply chain manager capabilities and performance: empirical evidence. Production Planning and Control, 2016, 27, 198-211.	5.8	36
80	Innovative service satisfaction and customer promotion behaviour in the Chinese budget hotel: an empirical study. International Journal of Production Economics, 2016, 171, 201-210.	5.1	42
81	Green competence framework: evidence from China. International Journal of Human Resource Management, 2016, 27, 151-172.	3.3	72
82	Information technology governance in Internet of Things supply chain networks. Industrial Management and Data Systems, 2016, 116, .	2.2	23
83	The Impact of Integrated Practices of Lean, Green, and Social Management Systems on Firm Sustainability Performance—Evidence from Chinese Fashion Auto-Parts Suppliers. Sustainability, 2015, 7, 3838-3858.	1.6	96
84	Sourcing complexity in the Chinese manufacturing sector: An assessment of intangible factors and contractual relationship strategies. International Journal of Production Economics, 2015, 166, 269-284.	5.1	32
85	An innovative framework for performance analysis of members of supply chains. Benchmarking, 2015, 22, 309-334.	2.9	22
86	Green supply chain collaboration and incentives: Current trends and future directions. Transportation Research, Part E: Logistics and Transportation Review, 2015, 74, 1-10.	3.7	146
87	Reprint of “Integration of logistics and cloud computing service providers: Cost and green benefits in the Chinese context” Transportation Research, Part E: Logistics and Transportation Review, 2015, 74, 81-93.	3.7	17
88	Service supply chain environmental performance evaluation using grey based hybrid MCDM approach. International Journal of Production Economics, 2015, 166, 163-176.	5.1	131
89	Review of Full Truckload Transportation Service Procurement. Transport Reviews, 2015, 35, 599-621.	4.7	27
90	Composite sustainable manufacturing practice and performance framework: Chinese auto-parts suppliers’ perspective. International Journal of Production Economics, 2015, 170, 219-233.	5.1	71

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91	Sustainable production and consumption in the automotive sector: Integrated review framework and research directions. <i>Sustainable Production and Consumption</i> , 2015, 4, 47-61.	5.7	42
92	Supply chain resilience: role of complexities and strategies. <i>International Journal of Production Research</i> , 2015, 53, 6809-6819.	4.9	179
93	Cleaner supply-chain management practices for twenty-first-century organizational competitiveness: Practice-performance framework and research propositions. <i>International Journal of Production Economics</i> , 2015, 164, 216-233.	5.1	110
94	Viability of remanufacturing practice: a strategic decision making framework for Chinese auto-parts companies. <i>Journal of Cleaner Production</i> , 2015, 105, 311-323.	4.6	109
95	Product delivery service provider selection and customer satisfaction in the era of internet of things: A Chinese e-retailers' perspective. <i>International Journal of Production Economics</i> , 2015, 159, 104-116.	5.1	127
96	Can Your Network Make You Happy? Entrepreneurs' Networks and their Subjective Well-being. <i>Proceedings - Academy of Management</i> , 2015, 2015, 14365.	0.0	0
97	Sourcing complexity factors on contractual relationship: Chinese suppliers' perspective. <i>Production and Manufacturing Research</i> , 2014, 2, 558-585.	0.9	7
98	Customer satisfaction and competitiveness in the Chinese E-retailing: Structural equation modeling (SEM) approach to identify the role of quality factors. <i>Expert Systems With Applications</i> , 2014, 41, 69-80.	4.4	109
99	Combined location and routing problems for designing the quality-dependent and multi-product reverse logistics network. <i>Journal of the Operational Research Society</i> , 2014, 65, 873-887.	2.1	21
100	Critical barriers in implementing reverse logistics in the Chinese manufacturing sectors. <i>International Journal of Production Economics</i> , 2014, 147, 460-471.	5.1	243
101	Integration of logistics and cloud computing service providers: Cost and green benefits in the Chinese context. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2014, 70, 86-98.	3.7	56
102	Factors for implementing end-of-life product reverse logistics in the Chinese manufacturing sector. <i>International Journal of Sustainable Development and World Ecology</i> , 2014, 21, 235-245.	3.2	43
103	Reverse logistics in the Chinese auto-parts firms: implementation framework development through multiple case studies. <i>International Journal of Sustainable Development and World Ecology</i> , 2014, 21, 223-234.	3.2	17
104	Influence of eco-innovation on Indian manufacturing sector sustainable performance. <i>International Journal of Sustainable Development and World Ecology</i> , 2014, 21, 198-209.	3.2	53
105	Supply Chain Complexity and Strategy. , 2014, , 1-27.		2
106	Composite practices to improve sustainability: A framework and evidence from Chinese auto-parts company. , 2013, , .		2
107	Knowledge management in the Chinese local beer market: A case study. , 2013, , .		1
108	Reverse logistics network design: a review on strategic perspective. <i>International Journal of Logistics Systems and Management</i> , 2012, 12, 171.	0.2	51

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109	A review of applications of Analytic Hierarchy Process in operations management. International Journal of Production Economics, 2012, 138, 215-241.	5.1	462
110	Factors for implementing end-of-life computer recycling operations in reverse supply chains. International Journal of Production Economics, 2012, 140, 239-248.	5.1	209
111	Key success factors and their performance implications in the Indian third-party logistics (3PL) industry. International Journal of Production Research, 2012, 50, 2407-2422.	4.9	63
112	Indian textile suppliers' sustainability evaluation using the grey approach. International Journal of Production Economics, 2012, 135, 647-658.	5.1	187
113	Supplier assessment based on corporate social responsibility criteria in Indian automotive and textile industry sectors. International Journal of Sustainable Engineering, 2011, 4, 359-369.	1.9	28
114	Supply chain collaboration performance metrics: a conceptual framework. Benchmarking, 2011, 18, 856-872.	2.9	85
115	Linking Success Factors to Financial Performance. American Journal of Applied Sciences, 2011, 8, 284-289.	0.1	2
116	Balancing task allocation in multi-robot systems using K-means clustering and auction based mechanisms. Expert Systems With Applications, 2011, 38, 6486-6491.	4.4	103
117	Balancing multi-robot prioritized task allocation: A simulation approach. , 2011, , .		2
118	The impact of marketing capability, operations capability and diversification strategy on performance: A resource-based view. Industrial Marketing Management, 2010, 39, 317-329.	3.7	341
119	Examining the interrelationships between supply chain integration scope and supply chain management efforts. International Journal of Production Research, 2010, 48, 6837-6857.	4.9	73
120	A Heuristic for Heterogeneous Capacitated Pick-up and Delivery Logistics Problems with Time Windows in Agile Manufacturing and the Distribution Supply Chain. , 2010, , 311-331.		0
121	Efficient mechanism development for multirobot coordination. International Journal of Industrial and Systems Engineering, 2008, 3, 149.	0.1	4
122	Operating parameters for a single-vendor multiple-buyers Vendor Managed Inventory System with Outsourcing. International Journal of Operational Research, 2008, 3, 336.	0.1	3
123	Knowledge management system for operating parameters in two-echelon VMI supply chains. International Journal of Production Research, 2007, 45, 2479-2505.	4.9	22
124	A design of experiment based procedure for real-time forecasting. International Journal of Industrial and Systems Engineering, 2007, 2, 61.	0.1	8
125	Development of efficient combinatorial auction mechanism for airport slot allocation. International Journal of Services and Operations Management, 2007, 3, 427.	0.1	2
126	A genetic algorithm for optimal operating parameters of VMI system in a two-echelon supply chain. European Journal of Operational Research, 2007, 182, 1433-1452.	3.5	90

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127	Pricing in a vendor managed inventory system. International Journal of Logistics Systems and Management, 2006, 2, 19.	0.2	8