Prof Vikas Kumar

List of Publications by Year
in descending order

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236 papers	11,191 citations	34105 52 h-index	39675 94 g-index
240 all docs	240 docs citations	240 times ranked	6243 citing authors

#	Article	IF	Citations
1	Exploring Industry 4.0 technologies to enable circular economy practices in a manufacturing context. Journal of Manufacturing Technology Management, 2019, 30, 607-627.	6.4	488
2	Lean and green â€“ a systematic review of the state of the art literature. Journal of Cleaner Production, 2015, 102, 18-29.	9.3	428
3	A systematic literature review on machine learning applications for sustainable agriculture supply chain performance. Computers and Operations Research, 2020, 119, 104926.	4.0	342
4	State of the art literature review on performance measurement. Computers and Industrial Engineering, 2011, 60, 279-290.	6.3	331
5	The impact of lean methods and tools on the operational performance of manufacturing organisations. International Journal of Production Research, 2014, 52, 5346-5366.	7.5	326
6	Blockchain technology and the circular economy: Implications for sustainability and social responsibility. Journal of Cleaner Production, 2021, 293, 126130.	9.3	287
7	A framework for the integration of Green and Lean Six Sigma for superior sustainability performance. International Journal of Production Research, 2017, 55, 4481-4515.	7.5	249
8	Towards a more circular economy: exploring the awareness, practices, and barriers from a focal firm perspective. Production Planning and Control, 2018, 29, 539-550.	8.8	246
9	Industry 4.0 as an enabler of sustainability diffusion in supply chain: an analysis of influential strength of drivers in an emerging economy. International Journal of Production Research, 2020, 58, 1505-1521.	7.5	230
10	Organizational learning paths based upon industry 4.0 adoption: An empirical study with Brazilian manufacturers. International Journal of Production Economics, 2020, 219, 284-294.	8.9	228
11	Green supply chain performance measurement using fuzzy ANP-based balanced scorecard: a collaborative decision-making approach. Production Planning and Control, 2014, 25, 698-714.	8.8	213
12	Managing supply chains for sustainable operations in the era of industry 4.0 and circular economy: Analysis of barriers. Resources, Conservation and Recycling, 2021, 164, 105215.	10.8	212
13	Green lean and the need for Six Sigma. International Journal of Lean Six Sigma, 2015, 6, 226-248.	3.3	198
14	Systematic review of bankruptcy prediction models: Towards a framework for tool selection. Expert Systems With Applications, 2018, 94, 164-184.	7.6	185
15	Towards digital transformation: Lessons learned from traditional organizations. Strategic Change, 2018, 27, 101-109.	4.1	184
16	Circular economy in the manufacturing sector: benefits, opportunities and barriers. Management Decision, 2019, 57, 1067-1086.	3.9	173
17	Lean, green practices and process innovation: A model for green supply chain performance. International Journal of Production Economics, 2018, 206, 79-92.	8.9	170
18	Supply Chain 4.0: concepts, maturity and research agenda. Supply Chain Management, 2019, 25, 262-282.	6.4	168

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19	A framework to achieve sustainability in manufacturing organisations of developing economies using industry 4.0 technologiesâ€™ enablers. Computers in Industry, 2020, 122, 103280.	9.9	164
20	The effect of lean methods and tools on the environmental performance of manufacturing organisations. International Journal of Production Economics, 2018, 200, 170-180.	8.9	159
21	A machine learning based approach for predicting blockchain adoption in supply Chain. Technological Forecasting and Social Change, 2021, 163, 120465.	11.6	142
22	Investigating the green impact of Lean, Six Sigma and Lean Six Sigma. International Journal of Lean Six Sigma, 2017, 8, 7-32.	3.3	137
23	Examining legitimatisation of additive manufacturing in the interplay between innovation, lean manufacturing and sustainability. International Journal of Production Economics, 2020, 219, 457-468.	8.9	132
24	Barriers in Green Lean implementation: a combined systematic literature review and interpretive structural modelling approach. Production Planning and Control, 2017, 28, 829-842.	8.8	129
25	The relationship between lean and environmental performance: Practices and measures. Journal of Cleaner Production, 2019, 224, 120-131.	9.3	115
26	Towards a Life Cycle Sustainability Analysis: A systematic review of approaches to sustainable manufacturing. Journal of Cleaner Production, 2018, 184, 1002-1015.	9.3	112
27	Exploring the rise of blockchain technology: Towards distributed collaborative organizations. Strategic Change, 2017, 26, 423-428.	4.1	103
28	Exploring barriers and drivers to the implementation of circular economy practices in the mining industry. Resources Policy, 2021, 72, 102037.	9.6	102
29	Integrated green lean approach and sustainability for SMEs: From literature review to a conceptual framework. Journal of Cleaner Production, 2019, 240, 118205.	9.3	98
30	Lean and green in the transport and logistics sector â€“ a case study of simultaneous deployment. Production Planning and Control, 2016, 27, 1221-1232.	8.8	95
31	A PDCA-based approach to Environmental Value Stream Mapping (E-VSM). Journal of Cleaner Production, 2018, 180, 335-348.	9.3	91
32	A Six Sigma and DMAIC application for the reduction of defects in a rubber gloves manufacturing process. International Journal of Lean Six Sigma, 2014, 5, 2-21.	3.3	90
33	Analysis and prioritization of Lean Six Sigma enablers with environmental facets using best worst method: A case of Indian MSMEs. Journal of Cleaner Production, 2021, 279, 123592.	9.3	87
34	Alternative perspectives on service quality and customer satisfaction: the role of BPM. Journal of Service Management, 2008, 19, 176-187.	2.0	85
35	A multi-agent architecture for reverse logistics in a green supply chain. International Journal of Production Research, 2012, 50, 2396-2406.	7.5	85
36	A lean and cleaner production benchmarking method for sustainability assessment: A study of manufacturing companies in Brazil. Journal of Cleaner Production, 2018, 177, 218-231.	9.3	85

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37	Review on multi-criteria decision analysis in sustainable manufacturing decision making. International Journal of Sustainable Engineering, 2021, 14, 202-225.	3.5	85
38	The adoption of operational environmental sustainability approaches in the Thai manufacturing sector. Journal of Cleaner Production, 2019, 220, 507-528.	9.3	83
39	Developing A sustainability framework for Industry 4.0. Procedia CIRP, 2021, 98, 430-435.	1.9	76
40	The Impact of Operations Performance on Customer Loyalty. Service Science, 2011, 3, 158-171.	1.3	74
41	A circularity measurement toolkit for manufacturing SMEs. International Journal of Production Research, 2019, 57, 7319-7343.	7.5	74
42	Organizational learning and Industry 4.0: findings from a systematic literature review and research agenda. Benchmarking, 2020, 27, 2435-2457.	4.6	74
43	Performance optimization of a leagility inspired supply chain model: a CFGTSA algorithm based approach. International Journal of Production Research, 2009, 47, 777-799.	7.5	72
44	Exploring lean manufacturing practices' influence on process innovation performance. Journal of Business Research, 2020, 106, 233-249.	10.2	72
45	Performance measurement for supply chains in the Industry 4.0 era: a balanced scorecard approach. International Journal of Productivity and Performance Management, 2020, 70, 789-807.	3.7	69
46	Low carbon warehouse management under cap-and-trade policy. Journal of Cleaner Production, 2016, 139, 894-904.	9.3	66
47	The Impact of Supply Chain Integration on Performance: Evidence from the UK Food Sector. Procedia Manufacturing, 2017, 11, 814-821.	1.9	65
48	The effect of supply chain management practices on supply chain and manufacturing firmsâ€™ performance. Journal of Manufacturing Technology Management, 2017, 28, 577-609.	6.4	65
49	Mobile phone adoption in agri-food sector: Are farmers in Sub-Saharan Africa connected?. Technological Forecasting and Social Change, 2018, 131, 253-261.	11.6	65
50	The relevance of outsourcing and leagile strategies in performance optimization of an integrated process planning and scheduling model. International Journal of Production Research, 2009, 47, 119-142.	7.5	63
51	Lean readiness â€“ the case of the European pharmaceutical manufacturing industry. International Journal of Productivity and Performance Management, 2018, 67, 20-44.	3.7	60
52	Hybrid meta-heuristic algorithms for a supply chain network considering different carbon emission regulations using big data characteristics. Soft Computing, 2021, 25, 7527-7557.	3.6	59
53	Green and lean: a Gembaâ€“Kaizen model for sustainability enhancement. Production Planning and Control, 2019, 30, 385-399.	8.8	58
54	Optimizing replenishment polices using Genetic Algorithm for single-warehouse multi-retailer system. Expert Systems With Applications, 2012, 39, 3081-3086.	7.6	56

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55	Developing green supply chain management taxonomy-based decision support system. International Journal of Production Research, 2015, 53, 6372-6389.	7.5	55
56	An empirical analysis of supply and manufacturing risk and business performance: a Chinese manufacturing supply chain perspective. Supply Chain Management, 2018, 23, 461-479.	6.4	55
57	Auction-based approach to resolve the scheduling problem in the steel making process. International Journal of Production Research, 2006, 44, 1503-1522.	7.5	53
58	A Lean Six Sigma framework for the reduction of ship loading commercial time in the iron ore pelletising industry. Production Planning and Control, 2016, 27, 1092-1111.	8.8	51
59	Innovation capabilities and performance: are they truly linked in SMEs?. International Journal of Innovation Science, 2019, 11, 48-62.	2.7	51
60	From measuring overall equipment effectiveness (OEE) to overall resource effectiveness (ORE). Journal of Quality in Maintenance Engineering, 2015, 21, 506-527.	1.7	50
61	Do human critical success factors matter in adoption of sustainable manufacturing practices? An influential mapping analysis of multi-company perspective. Journal of Cleaner Production, 2019, 239, 117981.	9.3	50
62	Prioritisation of operations improvement projects in the European manufacturing industry. International Journal of Production Research, 2014, 52, 5323-5345.	7.5	49
63	Evaluating the impact of lean practices on environmental performance: evidences from five manufacturing companies. Production Planning and Control, 2020, 31, 739-756.	8.8	49
64	Assessing peopleâ€driven factors for circular economy practices in small and mediumâ€sized enterprise supply chains: Business strategies and environmental perspectives. Business Strategy and the Environment, 2021, 30, 2951-2965.	14.3	49
65	WEDM of nickel based aerospace alloy: optimization of process parameters and modelling. International Journal on Interactive Design and Manufacturing, 2017, 11, 917-929.	2.2	48
66	Practical implications and future research agenda of lean manufacturing: a systematic literature review. Production Planning and Control, 2021, 32, 889-925.	8.8	48
67	Learning orientation and innovation performance: the mediating role of operations strategy and supply chain integration. Supply Chain Management, 2020, 25, 457-474.	6.4	47
68	An experimental analysis and optimization of machining rate and surface characteristics in WEDM of Monel-400 using RSM and desirability approach. Journal of Industrial Engineering International, 2015, 11, 297-307.	1.8	46
69	An analysis of managerial factors affecting the implementation and use of overall equipment effectiveness. International Journal of Production Research, 2016, 54, 4430-4447.	7.5	46
70	Resolving forward-reverse logistics multi-period model using evolutionary algorithms. International Journal of Production Economics, 2017, 183, 458-469.	8.9	45
71	Machine learning applications for sustainable manufacturing: a bibliometric-based review for future research. Journal of Enterprise Information Management, 2022, 35, 566-596.	7.5	45
72	Towards a conceptual framework for value stream mapping (VSM) implementation: an investigation of managerial factors. International Journal of Production Research, 2017, 55, 7073-7095.	7.5	43

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73	Examining the Relationship between Social Media Analytics Practices and Business Performance in the Indian Retail and IT Industries: The Mediation Role of Customer Engagement. International Journal of Information Management, 2020, 52, 102069.	17.5	43
74	A set of efficient heuristics and meta-heuristics to solve a multi-objective pharmaceutical supply chain network. Computers and Industrial Engineering, 2021, 158, 107389.	6.3	42
75	Understanding circular economy awareness and practices in manufacturing firms. Journal of Enterprise Information Management, 2019, 32, 563-584.	7.5	41
76	Investigating â€œcircular business modelsâ€•in the manufacturing and service sectors. Journal of Manufacturing Technology Management, 2019, 30, 590-606.	6.4	41
77	A multi-objective mixed-integer linear model for sustainable fruit closed-loop supply chain network. Management of Environmental Quality, 2020, 31, 1351-1373.	4.3	41
78	Managing operations for circular economy in the mining sector: An analysis of barriers intensity. Resources Policy, 2020, 69, 101752.	9.6	41
79	A DMAIRC approach to lead time reduction in an aerospace engine assembly process. Journal of Manufacturing Technology Management, 2014, 25, 27-48.	6.4	40
80	Assessing the key enablers for Industry 4.0 adoption using MICMAC analysis: a case study. International Journal of Productivity and Performance Management, 2021, 70, 1049-1071.	3.7	40
81	Green Lean Six Sigma for improving manufacturing sustainability: Framework development and validation. Journal of Cleaner Production, 2022, 345, 131130.	9.3	40
82	Total quality environmental management: adoption status in the Chinese manufacturing sector. TQM Journal, 2018, 30, 2-19.	3.3	39
83	Investigating innovation capability and organizational performance in service firms. Strategic Change, 2020, 29, 103-113.	4.1	38
84	ICT-based solution approach for collaborative delivery of customised products. Production Planning and Control, 2016, 27, 280-298.	8.8	37
85	Knowledge management for sustainability in operations. Production Planning and Control, 2019, 30, 813-826.	8.8	37
86	Measuring lean readiness through the understanding of quality practices in the Turkish automotive suppliers industry. International Journal of Productivity and Performance Management, 2015, 64, 1092-1112.	3.7	36
87	Improving road transport operations through lean thinking: a case study. International Journal of Logistics Research and Applications, 2017, 20, 163-180.	8.8	36
88	How social shopping retains customers? Capturing the essence of website quality and relationship quality. Total Quality Management and Business Excellence, 2018, 29, 161-184.	3.8	36
89	Triads in sustainable supply-chain perspective: why is a collaboration mechanism needed?. International Journal of Production Research, 2023, 61, 4725-4741.	7.5	36
90	Design for the environment: An ontologyâ€based knowledge management model for green product development. Business Strategy and the Environment, 2021, 30, 4037-4053.	14.3	35

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91	Lean manufacturing and internet of things â€“ A synergetic or antagonist relationship?. Computers in Industry, 2021, 129, 103464.	9.9	35
92	Adopting Industry 4.0 by leveraging organisational factors. Technological Forecasting and Social Change, 2022, 176, 121439.	11.6	35
93	Lean road transportation â€“ a systematic method for the improvement of road transport operations. Production Planning and Control, 2016, 27, 865-877.	8.8	33
94	An analysis of operational behavioural factors and circular economy practices in SMEs: An emerging economy perspective. Journal of Business Research, 2022, 141, 321-336.	10.2	33
95	Sustainability concerns on consumersâ€™ attitude towards short food supply chains: an empirical investigation. Operations Management Research, 2022, 15, 76-92.	8.5	32
96	A VSM improvement-based approach for lean operations in an Indian manufacturing SME. International Journal of Lean Enterprise Research, 2014, 1, 41.	0.1	31
97	A review of challenges and opportunities of blockchain adoption for operational excellence in the UK automotive industry. Journal of Global Operations and Strategic Sourcing, 2021, 14, 7-60.	4.6	31
98	A framework for designing robust supply chains considering product development issues. International Journal of Production Research, 2011, 49, 6065-6088.	7.5	30
99	A review of lean and agile management in humanitarian supply chains: analysing the pre-disaster and post-disaster phases and future directions. Production Planning and Control, 2022, 33, 641-654.	8.8	29
100	A conceptual framework for the implementation of quality management systems. Total Quality Management and Business Excellence, 2015, 26, 1298-1310.	3.8	28
101	A multiple case study analysis of Six Sigma practices in Indian manufacturing companies. International Journal of Quality and Reliability Management, 2016, 33, 1138-1149.	2.0	28
102	Managing warehousing in an agile supply chain environment: an F-AIS algorithm based approach. International Journal of Production Research, 2011, 49, 6407-6426.	7.5	27
103	Lean readiness within emergency departments: a conceptual framework. Benchmarking, 2019, 26, 1874-1904.	4.6	27
104	A readiness self-assessment model for implementing green lean initiatives. Journal of Cleaner Production, 2021, 309, 127401.	9.3	27
105	Barriers to innovation in service SMEs: evidence from Mexico. Industrial Management and Data Systems, 2017, 117, 1669-1686.	3.7	26
106	Analysis of critical success factors for implementing Industry 4.0 integrated circular supply chain â€“ moving towards sustainable operations. Production Planning and Control, 2023, 34, 984-998.	8.8	26
107	Stochastic make-to-stock inventory deployment problem: an endosymbiotic psychoclonal algorithm based approach. International Journal of Production Research, 2006, 44, 2245-2263.	7.5	25
108	Towards a conceptual roadmap for Statistical Process Control implementation in the food industry. Trends in Food Science and Technology, 2015, 44, 117-129.	15.1	25

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109	An investigation into the development of the absorptive capacity of manufacturing SMEs. International Journal of Production Research, 2017, 55, 6916-6931.	7.5	25
110	Measuring Business Sustainability Maturity-levels and Best Practices. Procedia Manufacturing, 2017, 11, 751-759.	1.9	25
111	Hybrid TSSA algorithm-based approach to solve warehouse-scheduling problems. International Journal of Production Research, 2009, 47, 919-940.	7.5	24
112	Lean and Green â€“ Synergies, Differences, Limitations, and the Need for Six Sigma. IFIP Advances in Information and Communication Technology, 2014, , 71-81.	0.7	24
113	From linear to circular manufacturing business models. Journal of Manufacturing Technology Management, 2019, 30, 554-560.	6.4	24
114	A lean six sigma framework for continuous and incremental improvement in the oil and gas sector. International Journal of Lean Six Sigma, 2019, 11, 577-595.	3.3	24
115	Economical impact of RFID implementation in remanufacturing: a Chaos-based Interactive Artificial Bee Colony approach. Journal of Intelligent Manufacturing, 2015, 26, 815-830.	7.3	23
116	A lean environmental benchmarking (LEB) method for the management of cutting tools. International Journal of Production Research, 2017, 55, 3788-3807.	7.5	23
117	Redesigning traditional linear supply chains into circular supply chainsâ€“A study into its challenges. Sustainable Production and Consumption, 2022, 31, 113-126.	11.0	23
118	Addressing lot sizing and warehousing scheduling problem in manufacturing environment. Expert Systems With Applications, 2011, 38, 11751-11762.	7.6	22
119	Supplier replenishment policy using e-Kanban: A framework for successful implementation. Production Planning and Control, 2014, 25, 161-175.	8.8	22
120	Best supply chain management practices and high-performance firms. International Journal of Productivity and Performance Management, 2018, 67, 1482-1509.	3.7	22
121	A novel business strategies framework of doâ€itâ€yourself practices in logistics to minimise environmental waste and improve performance. Business Strategy and the Environment, 2021, 30, 3882-3892.	14.3	22
122	An Experimental and Comparative Study on Rough and Trim Cutting Operation in WEDM of Hard to Machine Materials. , 2014, 5, 1603-1612.		21
123	A lean thinking and simulation-based approach for the improvement of routing operations. Industrial Management and Data Systems, 2016, 116, 903-925.	3.7	21
124	Improving the sustainability of food supply chains through circular economy practices â€“ a qualitative mapping approach. Management of Environmental Quality, 2021, 32, 752-767.	4.3	21
125	A sustainable circular 3D printing model for recycling metal scrap in the automotive industry. Journal of Manufacturing Technology Management, 2022, 33, 876-892.	6.4	21
126	A Multi-Agent Self Correcting Architecture for Distributed Manufacturing Supply Chain. IEEE Systems Journal, 2011, 5, 6-15.	4.6	20

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127	Eco-innovation and the circular economy in the automotive industry. Benchmarking, 2020, 28, 621-635.	4.6	20
128	Knowledge management as intellectual property. Management Research Review, 2016, 39, 830-850.	2.7	19
129	The Art of Survival: Tourism Businesses in Thailand Recovering from COVID-19 through Brand Management. Sustainability, 2021, 13, 6690.	3.2	19
130	Measuring operational excellence: an operational excellence profitability (OEP) approach. Production Planning and Control, 2019, 30, 682-698.	8.8	18
131	Personal development review (PDR) process and engineering staff motivation. Journal of Manufacturing Technology Management, 2014, 25, 827-847.	6.4	17
132	Performance management of suppliers in outsourcing project: case analysis from the financial services industry. Production Planning and Control, 2015, 26, 150-165.	8.8	17
133	A framework for the systematic implementation of Green-Lean and sustainability in SMEs. Production Planning and Control, 2024, 35, 71-89.	8.8	17
134	In-depth study of â€˜decoupling pointâ€™ as a reference model: an application for health service supply chain. Production Planning and Control, 2014, 25, 1107-1117.	8.8	16
135	Decision-making for risk evaluation: integration of prospect theory with failure modes and effects analysis (FMEA). International Journal of Quality and Reliability Management, 2020, 37, 939-956.	2.0	16
136	Inventory Share Policy Designs for a Sustainable Omni-Chanel E-Commerce Network. Sustainability, 2020, 12, 10022.	3.2	16
137	Assessing the economic and environmental impact of jasmine rice production: Life cycle assessment and Life Cycle Costs analysis. Journal of Cleaner Production, 2021, 303, 127079.	9.3	16
138	A toolset for complex decision-making in analyze phase of Lean Six Sigma project: a case validation. International Journal of Lean Six Sigma, 2023, 14, 139-157.	3.3	16
139	Exploring Enterprise Social Systems & Organisational Change: Implementation in a Digital Age. Journal of Information Technology, 2016, 31, 97-100.	3.9	15
140	Managing reverse exchanges in service supply chains. Supply Chain Management, 2016, 21, 157-165.	6.4	15
141	Analysing the alignment between the Green Lean and Circular strategies: towards a Circular Lean approach. Journal of Manufacturing Technology Management, 2022, 33, 1059-1079.	6.4	15
142	An Integrated QFD-TOPSIS Methodology for Supplier Selection in SMEs. , 2011, , .		14
143	Top Managers and Information Systems: â€˜Crossing the Rubicon!â€™. Strategic Change, 2014, 23, 205-224.	4.1	14
144	The soft side of knowledge transfer partnerships between universities and small to medium enterprises: an exploratory study to understand process improvement. Production Planning and Control, 2019, 30, 907-918.	8.8	14

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145	A lean-TOC approach for improving Emergency Medical Services (EMS) transport and logistics operations. International Journal of Logistics Research and Applications, 2019, 22, 253-272.	8.8	14
146	Omni-Chanel Network Design towards Circular Economy under Inventory Share Policies. Sustainability, 2021, 13, 2875.	3.2	14
147	Scoping review of the readiness for sustainable implementation of Lean Six Sigma projects in the manufacturing sector. International Journal of Quality and Reliability Management, 2021, 38, 1747-1770.	2.0	13
148	Coupling of cryptocurrency trading with the sustainable environmental goals: Is it on the cards?. Business Strategy and the Environment, 2022, 31, 1152-1168.	14.3	13
149	Assessing the Impact of COVID-19 on Sustainable Food Supply Chains. Sustainability, 2022, 14, 143.	3.2	13
150	Hybridizing cost saving with trust for blockchain technology adoption by financial institutions. , 2022, 6, 100008.		13
151	Investigating the impact of short food supply chain on emigration: A study of Valencia community in Spain. IFAC-PapersOnLine, 2015, 48, 2226-2232.	0.9	12
152	Benchmarking of sustainability to assess practices and performances of the management of the end of life cycle of electronic products: a study of Brazilian manufacturing companies. Clean Technologies and Environmental Policy, 2020, , 1.	4.1	12
153	Relationship between routines of supplier selection and evaluation, risk perception and propensity to form buyerâ€“supplier partnerships. Production Planning and Control, 2022, 33, 1399-1415.	8.8	12
154	JIT supply chain; an investigation through general system theory. Management Science Letters, 2013, 3, 743-752.	1.5	11
155	Effect of lean manufacturing on organisational performance of Indian industry: a survey. International Journal of Productivity and Quality Management, 2016, 17, 380.	0.2	11
156	Improving Road Transport Operations using Lean Thinking. Procedia Manufacturing, 2017, 11, 1900-1907.	1.9	11
157	Circular economy: a conceptual model to measure readiness for manufacturing SMEs. Benchmarking, 2022, 29, 1362-1390.	4.6	11
158	Sustainability Adoption through Sustainable Human Resource Management: A Systematic Literature Review and Conceptual Framework. International Journal of Mathematical, Engineering and Management Sciences, 2020, 5, 1014-1031.	0.7	11
159	Performance evaluation of flexible manufacturing systems under uncertain and dynamic situations. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2008, 222, 915-934.	2.4	10
160	A systematic approach to diagnose the current status of quality management systems and business processes. Business Process Management Journal, 2018, 24, 216-233.	4.2	10
161	A Lean Implementation Framework for the Mining Industry. IFAC-PapersOnLine, 2018, 51, 1149-1154.	0.9	10
162	Optimizing the Performance of an Integrated Process Planning and Scheduling Problem: An AIS-FLC based Approach. , 2006, , .		9

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163	A Comparative Study of the Implementation Status of Lean Six Sigma in South Korea and the UK. Lecture Notes in Mechanical Engineering, 2013, , 1489-1502.	0.4	9
164	Decision policy scenarios for just-in-sequence (JIS) deliveries. Journal of Industrial Engineering and Management, 2017, 10, 581.	1.5	9
165	Deploying Kaizen events in the manufacturing industry: an investigation into managerial factors. Production Planning and Control, 2022, 33, 427-449.	8.8	9
166	Developing IT-enabled performance monitoring system for green logistics: a case study. International Journal of Productivity and Performance Management, 2022, 71, 775-789.	3.7	9
167	Supply chain sustainability risk decision support model using integrated Preference Selection Index (PSI) method and prospect theory. Journal of Advances in Management Research, 2022, 19, 316-346.	3.0	9
168	A new way of environmentally sustainable manufacturing with assessing transformation through the green deployment of Lean Six Sigma projects. Journal of Cleaner Production, 2022, 351, 131510.	9.3	9
169	Corporate Sustainability and Business Excellence. , 2015, , .		8
170	Lean Manufacturing and Environmental Performance â€“ Exploring the Impact and Relationship. IFIP Advances in Information and Communication Technology, 2017, , 331-340.	0.7	8
171	Critical success factors for the implementation of enterprise systems: A literature review. Strategic Change, 2018, 27, 185-194.	4.1	8
172	A Lean transportation approach for improving emergency medical operations. Production Planning and Control, 2018, 29, 928-942.	8.8	8
173	Exploring the Drivers and Barriers to Green Supply Chain Management Implementation: A study of Independent UK Restaurants. Procedia Manufacturing, 2020, 51, 1642-1649.	1.9	8
174	A multi-objective integrated optimisation model for facility location and order allocation problem in a two-level supply chain network. Annals of Operations Research, 2023, 324, 993-1022.	4.1	8
175	Exploring the application of quality improvement programmes and ISO standards in the Indian marble mining sector. International Journal of Productivity and Quality Management, 2014, 13, 310.	0.2	7
176	Evaluation and benchmarking of lean manufacturing system environment: A graph theoretic approach. Uncertain Supply Chain Management, 2016, , 147-160.	3.2	7
177	An experimental test study on ring footing resting on clay bed reinforced by stone column. Innovative Infrastructure Solutions, 2018, 3, 1.	2.2	7
178	Impact of Digital Technology on Supply Chain Efficiency in Manufacturing Industry. Lecture Notes in Information Systems and Organisation, 2022, , 347-371.	0.6	7
179	Special Issue â€“ Applications of reference models for supply-chain integration. Production Planning and Control, 2014, 25, 1059-1064.	8.8	6
180	Supply chain sustainability risk assessment model using integration of the preference selection index (PSI) and the Shannon entropy. International Journal of Quality and Reliability Management, 2023, 40, 674-708.	2.0	6

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181	Operational performance improvement by implementation of value stream mapping - a case study from Indian industry. International Journal of Productivity and Quality Management, 2016, 19, 526.	0.2	5
182	Performance of Pond Ash and Rice Husk Ash in Clay: A Comparative Study. Lecture Notes in Civil Engineering, 2019, , 145-153.	0.4	5
183	Understanding the Interrelationship Between Culture of Quality, Employee, and Organizational Performance. Operations and Supply Chain Management, 0, , 14-25.	0.0	5
184	Modeling of E-Commerce Supply Chains Mobile Application. , 2020, , .		5
185	A new modified social engineering optimizer algorithm for engineering applications. Soft Computing, 2022, 26, 4333-4361.	3.6	5
186	Overcoming Barriers to the Implementation of Cleaner Production in Small Enterprises in the Mechanics Industry: Exploring Economic Gains and Contributions for Sustainable Development Goals. Sustainability, 2022, 14, 2944.	3.2	5
187	A CBFSA approach to resolve the distributed manufacturing process planning problem in a supply chain environment. International Journal of Production Research, 2012, 50, 535-550.	7.5	4
188	Improving the Reliability of Warehouse Operations in the 3PL Industry: An Australian 3PL Case Study. , 2018, , .		4
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