

Rahul Sindhvani

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

919
citations

516710

16
h-index

501196

28
g-index

52
all docs

52
docs citations

52
times ranked

423
citing authors

#	ARTICLE	IF	CITATIONS
1	Digital transformation priorities of India's discrete manufacturing SMEs – a conceptual study in perspective of Industry 4.0. <i>Competitiveness Review</i> , 2020, 30, 289-314.	2.6	100
2	Can industry 5.0 revolutionize the wave of resilience and social value creation? A multi-criteria framework to analyze enablers. <i>Technology in Society</i> , 2022, 68, 101887.	9.4	79
3	A framework to enhance agile manufacturing system. <i>Benchmarking</i> , 2017, 24, 467-487.	4.6	72
4	Two-way assessment of barriers to Lean's Green Manufacturing System: insights from India. <i>International Journal of Systems Assurance Engineering and Management</i> , 2016, 7, 400-407.	2.4	67
5	Modelling and analysis of barriers affecting the implementation of lean green agile manufacturing system (LGAMS). <i>Benchmarking</i> , 2019, 26, 498-529.	4.6	64
6	Adoption of Integrated Lean-Green-Agile Strategies for Modern Manufacturing Systems. <i>Procedia CIRP</i> , 2017, 61, 463-468.	1.9	58
7	Digitalization priorities of quality control processes for SMEs: a conceptual study in perspective of Industry 4.0 adoption. <i>Journal of Intelligent Manufacturing</i> , 2021, 32, 1679-1698.	7.3	57
8	Modelling and analysis of agile manufacturing system by ISM and MICMAC analysis. <i>International Journal of Systems Assurance Engineering and Management</i> , 2017, 8, 253-263.	2.4	46
9	Modelling the attributes affecting design and implementation of agile manufacturing system. <i>International Journal of Process Management and Benchmarking</i> , 2016, 6, 216.	0.2	33
10	Evaluation of Common Barriers to the Combined Lean-Green-Agile Manufacturing System by Two-Way Assessment Method. <i>Lecture Notes in Mechanical Engineering</i> , 2019, , 653-672.	0.4	23
11	An integrated approach for implementation of agile manufacturing system in an Indian manufacturing industry. <i>Benchmarking</i> , 2018, 25, 1106-1120.	4.6	21
12	Fuzzy AHP model for challenges to thermal power plant establishment in India. <i>International Journal of Operational Research</i> , 2019, 34, 562.	0.2	20
13	IIoT implementation challenges: analysis and mitigation by blockchain. <i>Journal of Global Operations and Strategic Sourcing</i> , 2022, 15, 363-379.	4.6	20
14	Machine learning: Best way to sustain the supply chain in the era of industry 4.0. <i>Materials Today: Proceedings</i> , 2021, 47, 3676-3682.	1.8	19
15	Modelling enablers of efficiency and sustainability of healthcare: a m-TISM approach. <i>Benchmarking</i> , 2022, 29, 767-792.	4.6	19
16	Evaluating Significance of Green Manufacturing Enablers Using MOORA Method for Indian Manufacturing Sector. <i>Lecture Notes in Mechanical Engineering</i> , 2018, , 303-314.	0.4	18
17	Agile System in Health Care: Literature Review. <i>Lecture Notes in Mechanical Engineering</i> , 2019, , 643-652.	0.4	18
18	Barriers evaluation for agile manufacturing system with fuzzy performance importance index approach. <i>International Journal of Agile Systems and Management</i> , 2016, 9, 292.	0.3	17

#	ARTICLE	IF	CITATIONS
19	Overcoming the barriers of effective implementation of manufacturing execution system in pursuit of smart manufacturing in SMEs. <i>Procedia Computer Science</i> , 2022, 200, 820-832.	2.0	17
20	Modelling and analysis of energy efficiency drivers by fuzzy ISM and fuzzy MICMAC approach. <i>International Journal of Productivity and Quality Management</i> , 2018, 25, 225.	0.2	16
21	Modeling and Analysis for Barriers in Healthcare Services by ISM and MICMAC Analysis. <i>Lecture Notes in Mechanical Engineering</i> , 2019, , 501-510.	0.4	16
22	Modeling and Analysis of Factors Influencing Agility in Healthcare Organizations: An ISM Approach. <i>Lecture Notes in Mechanical Engineering</i> , 2019, , 683-696.	0.4	16
23	Exploring "what," "why" and "how" of resilience in MSME sector: a TISM approach. <i>Benchmarking</i> , 2023, 30, 1884-1911.	4.6	15
24	Agility Evaluation in the Rolling Industry: A Case Study. <i>Lecture Notes in Mechanical Engineering</i> , 2019, , 753-770.	0.4	14
25	Modeling the critical success factors of implementing net zero emission (NZE) and promoting resilience and social value creation. <i>Technological Forecasting and Social Change</i> , 2022, 181, 121759.	11.6	13
26	Adopting Shop Floor Digitalization in Indian Manufacturing SMEs—A Transformational Study. <i>Lecture Notes in Mechanical Engineering</i> , 2021, , 599-611.	0.4	9
27	Building resilience to handle disruptions in critical environmental and energy sectors: Implications for cleaner production in the oil and gas industry. <i>Journal of Cleaner Production</i> , 2022, 365, 132692.	9.3	9
28	What makes micro, small, and medium enterprises not adopt Logistics 4.0? A systematic and structured approach using modified-total interpretive structural modelling. <i>International Journal of Logistics Research and Applications</i> , 0, , 1-26.	8.8	7
29	A Framework for Flexible Job Shop Scheduling Problem Using Simulation-Based Cuckoo Search Optimization. <i>Lecture Notes in Mechanical Engineering</i> , 2019, , 247-262.	0.4	6
30	Analyse the Critical Success Factor of Green Manufacturing for Achieving Sustainability in Automotive Sector. <i>Lecture Notes in Mechanical Engineering</i> , 2022, , 79-94.	0.4	4
31	Analysis of Barriers to Lean "Green Manufacturing System (LGMS): A Multi-criteria Decision-Making Approach. <i>Lecture Notes in Mechanical Engineering</i> , 2020, , 181-188.	0.4	4
32	Ranking of Factors for Integrated Lean, Green and Agile Manufacturing for Indian Manufacturing SMEs. <i>Lecture Notes in Mechanical Engineering</i> , 2020, , 203-219.	0.4	4
33	A hybrid approach for selection of most sustainable cooking fuel in the Indian context. <i>International Journal of Knowledge Management in Tourism and Hospitality</i> , 2017, 1, 226.	0.1	3
34	Selection of material for electric arc spraying by using hierarchical entropy-TOPSIS approach. <i>International Journal of Productivity and Quality Management</i> , 2019, 26, 276.	0.2	2
35	Progressive Die Design and Development Using AutoCAD. <i>Lecture Notes in Mechanical Engineering</i> , 2021, , 531-539.	0.4	2
36	Identifying the Factors Related to CSR Activities Contributed Toward Brand Management Through Extensive Literature Review. <i>Lecture Notes in Mechanical Engineering</i> , 2021, , 155-164.	0.4	2

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37	Fuzzy AHP model for challenges to thermal power plant establishment in India. International Journal of Operational Research, 2019, 34, 562.	0.2	2
38	Developing the structural model for barriers associated with CSR using ISM to help create brand image in the manufacturing industry. International Journal of Advanced Operations Management, 2021, 13, 312.	0.3	2
39	Development of Automatic Waste Identification and Segregation System. Materials Today: Proceedings, 2021, 47, 3943-3946.	1.8	1
40	A hybrid approach for selection of most sustainable cooking fuel in the Indian context. International Journal of Knowledge Management in Tourism and Hospitality, 2017, 1, 226.	0.1	1
41	Design and optimization of suspension for formula Society of Automotive Engineers (FSAE) vehicle. Materials Today: Proceedings, 2021, 38, 229-233.	1.8	0
42	Identification of Factors for Lean and Agile Manufacturing Systems in Rolling Industry. Lecture Notes in Mechanical Engineering, 2021, , 367-378.	0.4	0
43	Design, Analysis and Fabrication of Wheel Assembly for Formula Type Automotive. Lecture Notes in Mechanical Engineering, 2021, , 551-563.	0.4	0
44	Barriers evaluation for agile manufacturing system with fuzzy performance importance index approach. International Journal of Agile Systems and Management, 2016, 9, 292.	0.3	0
45	Modelling and analysis of energy efficiency drivers by fuzzy ISM and fuzzy MICMAC approach. International Journal of Productivity and Quality Management, 2018, 25, 225.	0.2	0
46	Selection of material for electric arc spraying by using hierarchical entropy-TOPSIS approach. International Journal of Productivity and Quality Management, 2019, 26, 276.	0.2	0
47	An optimised framework for implementation of hybrid lean and agile manufacturing systems in rolling industry for India. International Journal of Six Sigma and Competitive Advantage, 2020, 1, 1.	0.4	0
48	An optimised framework for the implementation of hybrid lean and agile manufacturing systems in the rolling industry for India. International Journal of Six Sigma and Competitive Advantage, 2021, 13, 289.	0.4	0