

# Rakesh Jain

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

1,518  
citations

279798

23  
h-index

330143

37  
g-index

53  
all docs

53  
docs citations

53  
times ranked

1125  
citing authors

#	ARTICLE	IF	CITATIONS
1	On the adoption of lean manufacturing principles in process industries. <i>Production Planning and Control</i> , 2015, 26, 564-587.	8.8	130
2	Development of maturity model for assessing the implementation of Industry 4.0: learning from theory and practice. <i>Production Planning and Control</i> , 2021, 32, 603-622.	8.8	105
3	Developing an understanding of lean thinking in process industries. <i>Production Planning and Control</i> , 2013, 24, 475-494.	8.8	94
4	Lean implementation in Indian process industries – some empirical evidence. <i>Journal of Manufacturing Technology Management</i> , 2015, 26, 131-160.	6.4	91
5	Adoption of blockchain in supply chain: an analysis of influencing factors. <i>Journal of Enterprise Information Management</i> , 2020, 33, 437-456.	7.5	91
6	The impact of lean practices on operational performance – an empirical investigation of Indian process industries. <i>Production Planning and Control</i> , 2018, 29, 158-169.	8.8	85
7	Agri-fresh food supply chain quality (AFSCQ): a literature review. <i>Industrial Management and Data Systems</i> , 2017, 117, 2015-2044.	3.7	77
8	An appraisal on barriers to implement lean in SMEs. <i>Journal of Manufacturing Technology Management</i> , 2019, 30, 195-212.	6.4	64
9	Analysis and synthesis of Industry 4.0 research landscape. <i>Journal of Manufacturing Technology Management</i> , 2019, 31, 31-51.	6.4	56
10	Probabilistic Modeling of Fatigue Damage Accumulation for Reliability Prediction. <i>International Journal of Quality, Statistics, and Reliability</i> , 2011, 2011, 1-10.	0.3	54
11	On the adoption of additive manufacturing in healthcare: a literature review. <i>Journal of Manufacturing Technology Management</i> , 2019, 30, 48-69.	6.4	49
12	The impact of lean practices on the operational performance of SMEs in India. <i>Industrial Management and Data Systems</i> , 2019, 119, 317-330.	3.7	43
13	Insights and learnings from lean manufacturing implementation practices. <i>International Journal of Services and Operations Management</i> , 2010, 6, 398.	0.2	39
14	Structural model of perishable food supply chain quality (PFSCQ) to improve sustainable organizational performance. <i>Benchmarking</i> , 2018, 25, 2272-2317.	4.6	39
15	The propagation of lean thinking in SMEs. <i>Production Planning and Control</i> , 2019, 30, 854-865.	8.8	38
16	Blockchain adoption in the supply chain: an appraisal on challenges. <i>Journal of Manufacturing Technology Management</i> , 2020, 32, 42-62.	6.4	37
17	Optimizing reliability-based robust design model using multi-objective genetic algorithm. <i>Computers and Industrial Engineering</i> , 2013, 66, 301-310.	6.3	35
18	Understanding the linkages between lean practices and performance improvements in Indian process industries. <i>Industrial Management and Data Systems</i> , 2017, 117, 346-364.	3.7	30

#	ARTICLE	IF	CITATIONS
19	The implementation of lean manufacturing in the UK food and drink industry. <i>International Journal of Services and Operations Management</i> , 2009, 5, 548.	0.2	28
20	Service recovery: Literature review and research issues. <i>Journal of Service Science Research</i> , 2011, 3, 71.	0.8	28
21	Perishable food supply chain quality (PFSCQ). <i>Journal of Advances in Management Research</i> , 2015, 12, 292-313.	3.0	28
22	Cognitive map-based system modeling for identifying interaction failure modes. <i>Research in Engineering Design - Theory, Applications, and Concurrent Engineering</i> , 2012, 23, 105-124.	2.1	26
23	Implementation of benchmarking concepts in Indian automobile industry – an empirical study. <i>Benchmarking</i> , 2013, 20, 777-804.	4.6	23
24	Food supply chain management: review, classification and analysis of literature. <i>International Journal of Integrated Supply Management</i> , 2011, 6, 33.	0.3	22
25	Concept convergence process: A framework for improving product concepts. <i>Computers and Industrial Engineering</i> , 2010, 59, 367-377.	6.3	19
26	Development of leanness index for SMEs. <i>International Journal of Lean Six Sigma</i> , 2019, 10, 397-410.	3.3	19
27	The propagation of benchmarking concepts in Indian manufacturing industry. <i>Benchmarking</i> , 2008, 15, 101-117.	4.6	17
28	Reliability-Based Design Optimization Considering Probabilistic Degradation Behavior. <i>Quality and Reliability Engineering International</i> , 2012, 28, 911-923.	2.3	16
29	Architecture to Enhance Transparency in Supply Chain Management using Blockchain Technology. <i>Procedia Manufacturing</i> , 2020, 51, 1614-1620.	1.9	16
30	Managing product development process complexity and challenges: a state-of-the art review. <i>Journal of Design Research</i> , 2007, 6, 487.	0.1	12
31	Impact of agri-fresh food supply chain quality practices on organizational sustainability. <i>Operations Management Research</i> , 2022, 15, 146-165.	8.5	12
32	Obstacles in lean implementation in developing countries - some cases from the process sector of India. <i>International Journal of Lean Enterprise Research</i> , 2016, 2, 26.	0.1	11
33	A framework for managing the agri-fresh food supply chain quality in Indian industry. <i>Management of Environmental Quality</i> , 2020, 32, 436-451.	4.3	11
34	Adoption of lean principles in software development projects. <i>International Journal of Lean Six Sigma</i> , 2018, 11, 285-308.	3.3	9
35	A fuzzy-AHP-based framework for prioritising benchmarks in the service sector. <i>International Journal of Productivity and Quality Management</i> , 2010, 5, 452.	0.2	7
36	Driving improvement opportunities in the food processing industry through benchmarking. <i>International Journal of Process Management and Benchmarking</i> , 2006, 1, 352.	0.2	6

#	ARTICLE	IF	CITATIONS
37	Reliability assessment framework for a multi-state multi-component system. Journal of Industrial and Production Engineering, 2017, 34, 580-589.	3.1	6
38	Integrating lean six sigma and supply chain approach for quality and business performance. , 2014, , .		5
39	A holistic approach to manage risks in NPD process. , 2017, , .		5
40	Lassoing the bullwhip effect by applying blockchain to supply chains. Journal of Global Operations and Strategic Sourcing, 2022, 15, 96-114.	4.6	5
41	Reliability-based robust design optimization: A comparative study. , 2011, , .		4
42	Lean practices in software development projects: A literature review. AIP Conference Proceedings, 2019, , .	0.4	4
43	Modeling physical systems for failure analysis with rate cognitive maps. , 2009, , .		3
44	Development of an integrated modelling framework for retailers of perishable products: a dynamic programming approach. International Journal of Operational Research, 2011, 11, 262.	0.2	3
45	Linkages influencing NPD-SCM alignment &#x2014; Evidence from Indian automotive industry. , 2013, , .		3
46	A survey on the adoption of lean practices in the process sector of India with a comparison between continuous and batch process industries. International Journal of Manufacturing Technology and Management, 2015, 29, 381.	0.1	3
47	Adoption of product lifecycle management in new product development: a case study of automotive organisation. Benchmarking, 2022, 29, 1546-1561.	4.6	3
48	Exploration of Pillars of Industry 4.0 Using Latent Semantic Analysis Technique. Smart Innovation, Systems and Technologies, 2020, , 711-719.	0.6	3
49	An approach to capture system interaction failures of a complex system. , 2011, , .		2
50	An approach for multi-state multi-component system reliability considering dependency behavior. , 2017, , .		2
51	Assessment of top management leadership and commitment to improve perishable food supply chain quality. International Journal of Intelligent Enterprise, 2018, 5, 97.	0.2	0