

# Michael Sony

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

68

papers

981

citations

15

h-index

29

g-index

83

ext. papers

1,542

ext. citations

2

avg, IF

6.04

L-index

#	Paper	IF	Citations
68	Student workload assessment for online learning: An empirical analysis during Covid-19. <i>Cogent Engineering</i> , <b>2022</b> , 9,	1.5	2
67	Critical failure factors for continuous improvement methodologies in the Irish MedTech industry. <i>TQM Journal</i> , <b>2022</b> , 34, 18-38	3.4	7
66	The Impact of Healthcare 4.0 on the Healthcare Service Quality: A Systematic Literature Review.. <i>Hospital Topics</i> , <b>2022</b> , 1-17	1.1	1
65	Barriers and Enablers for Continuous Improvement Methodologies within the Irish Pharmaceutical Industry. <i>Processes</i> , <b>2022</b> , 10, 73	2.9	6
64	Determining the Critical Failure Factors for Industry 4.0: An Exploratory Sequential Mixed Method Study. <i>IEEE Transactions on Engineering Management</i> , <b>2022</b> , 1-15	2.6	1
63	Employee adaptability skills for Industry 4.0 success: a road map. <i>Production and Manufacturing Research</i> , <b>2022</b> , 10, 24-41	3.3	0
62	The impact of medical cyberphysical systems on healthcare service delivery. <i>TQM Journal</i> , <b>2022</b> , 34, 73-94	3.4	0
61	A conceptual framework for a systemic understanding of barriers during lean implementation. <i>TQM Journal</i> , <b>2021</b> , ahead-of-print,	3.4	1
60	Fallacies in Decision Making From an Asian Perspective. <i>International Journal of Asian Business and Information Management</i> , <b>2021</b> , 12, 117-132	0.7	2
59	. <i>IEEE Transactions on Engineering Management</i> , <b>2021</b> , 1-16	2.6	0
58	Motivations, barriers and readiness factors for Quality 4.0 implementation: an exploratory study. <i>TQM Journal</i> , <b>2021</b> , ahead-of-print,	3.4	7
57	A study into the pros and cons of ISO 18404: viewpoints from leading academics and practitioners. <i>TQM Journal</i> , <b>2021</b> , ahead-of-print,	3.4	1
56	Conceptualizing Industry 4.0 readiness model dimensions: an exploratory sequential mixed-method study. <i>TQM Journal</i> , <b>2021</b> , ahead-of-print,	3.4	5
55	A Methodological Approach to Assessment and Reporting of the Model Adequacy in Simulation Studies. <i>International Journal of Operations Research and Information Systems</i> , <b>2021</b> , 12, 1-17	0.8	
54	An empirical examination of benefits, challenges, and critical success factors of industry 4.0 in manufacturing and service sector. <i>Technology in Society</i> , <b>2021</b> , 67, 101754	6.3	14
53	An Empirical Study Into Qualifications and Skills of Quality Management Practitioners in Contemporary Organizations: Results From a Global Survey and Agenda for Future Research. <i>IEEE Transactions on Engineering Management</i> , <b>2021</b> , 1-17	2.6	1
52	Design of cyber physical system architecture for industry 4.0 through lean six sigma: conceptual foundations and research issues. <i>Production and Manufacturing Research</i> , <b>2020</b> , 8, 158-181	3.3	11

51	An Empirical Study Into the Limitations and Emerging Trends of Six Sigma: Findings From a Global Survey. <i>IEEE Transactions on Engineering Management</i> , <b>2020</b> , 1-14	2.6	9
50	Lean Six Sigma and social performance: A review and synthesis of current evidence. <i>Quality Management Journal</i> , <b>2020</b> , 27, 21-36	2.3	8
49	Industry 4.0 integration with socio-technical systems theory: A systematic review and proposed theoretical model. <i>Technology in Society</i> , <b>2020</b> , 61, 101248	6.3	79
48	Stochastic Modelling of Weather-Related Transmission Line Outages. <i>International Journal of Operations Research and Information Systems</i> , <b>2020</b> , 11, 66-82	0.8	1
47	Critical factors for the successful implementation of Industry 4.0: a review and future research direction. <i>Production Planning and Control</i> , <b>2020</b> , 31, 799-815	4.3	77
46	Green Lean Six Sigma implementation framework: a case of reducing graphite and dust pollution. <i>International Journal of Sustainable Engineering</i> , <b>2020</b> , 13, 184-193	3.1	19
45	An empirical study into the limitations and emerging trends of Six Sigma in manufacturing and service organisations. <i>International Journal of Quality and Reliability Management</i> , <b>2020</b> , 37, 470-493	2	6
44	Development of a roadmap for Lean Six Sigma implementation and sustainability in a Scottish packing company. <i>TQM Journal</i> , <b>2020</b> , 32, 1263-1284	3.4	11
43	Pros and cons of implementing Industry 4.0 for the organizations: a review and synthesis of evidence. <i>Production and Manufacturing Research</i> , <b>2020</b> , 8, 244-272	3.3	27
42	Essential ingredients for the implementation of Quality 4.0. <i>TQM Journal</i> , <b>2020</b> , 32, 779-793	3.4	55
41	How do organizations implement an effective LSS initiative? A qualitative study. <i>Benchmarking</i> , <b>2020</b> , 27, 1657-1681	4	7
40	Key Criticisms of Six Sigma: A Systematic Literature Review. <i>IEEE Transactions on Engineering Management</i> , <b>2020</b> , 67, 950-962	2.6	14
39	Key ingredients for evaluating Industry 4.0 readiness for organizations: a literature review. <i>Benchmarking</i> , <b>2019</b> , 27, 2213-2232	4	105
38	Antecedents of Irrationality in Organizational Decision Making. <i>International Journal of Sociotechnology and Knowledge Development</i> , <b>2019</b> , 11, 1-16	0.4	5
37	The relationship between workplace spirituality, job satisfaction and job performance. <i>International Journal of Process Management and Benchmarking</i> , <b>2019</b> , 9, 27	0.3	3
36	Ten Lessons for Managers While Implementing Industry 4.0. <i>IEEE Engineering Management Review</i> , <b>2019</b> , 47, 45-52	3.6	40
35	Implementing sustainable operational excellence in organizations: an integrative viewpoint. <i>Production and Manufacturing Research</i> , <b>2019</b> , 7, 67-87	3.3	19
34	An evaluation into the limitations and emerging trends of Six Sigma: an empirical study. <i>TQM Journal</i> , <b>2019</b> , 31, 205-221	3.4	25

33	A Survey on Household Energy Saving Measures for Last Decade in Western India. <i>International Journal of Public and Private Perspectives on Healthcare Culture and the Environment</i> , <b>2019</b> , 3, 14-27	0.3	
32	Lean Six Sigma in the power sector: frog into prince. <i>Benchmarking</i> , <b>2019</b> , 26, 356-370	4	10
31	Green Supply Chain Management Practices and Digital Technology. <i>Advances in Logistics, Operations, and Management Science Book Series</i> , <b>2019</b> , 233-254	0.3	4
30	Lean Six Sigma Implementation Framework Using Resource-Based Theory Approach. <i>Advances in Civil and Industrial Engineering Book Series</i> , <b>2019</b> , 287-304	0.5	6
29	Lean Supply Chain Management and Sustainability. <i>Advances in Logistics, Operations, and Management Science Book Series</i> , <b>2019</b> , 57-76	0.3	1
28	Managerial Perspectives on Willingness to Pay for Green Marketing. <i>Advances in Human Resources Management and Organizational Development Book Series</i> , <b>2019</b> , 116-138	0.3	
27	Stochastic Model for Preventing Blackouts. <i>International Journal of Operations Research and Information Systems</i> , <b>2019</b> , 10, 41-55	0.8	
26	Why do organizations discontinue Lean Six Sigma initiatives?. <i>International Journal of Quality and Reliability Management</i> , <b>2019</b> , 36, 420-436	2	15
25	Six Sigma with C-K theory for innovations in operational excellence: a case study. <i>Benchmarking</i> , <b>2019</b> , 26, 2105-2121	4	7
24	Broadening the Lean Six Sigma concept through employee adaptability: a literature review. <i>International Journal of Productivity and Quality Management</i> , <b>2019</b> , 28, 279	0.3	1
23	A qualitative study on electricity energy-saving behaviour. <i>Management of Environmental Quality</i> , <b>2018</b> , 29, 961-977	3.6	12
22	Understanding nature of empathy through the lens of service encounter: a phenomenological study on FLEs. <i>International Journal of Productivity and Quality Management</i> , <b>2018</b> , 23, 55	0.3	7
21	The relationship between positive and negative affect, workplace spirituality and job satisfaction. <i>International Journal of Indian Culture and Business Management</i> , <b>2018</b> , 17, 202	0.4	3
20	Industry 4.0 and lean management: a proposed integration model and research propositions. <i>Production and Manufacturing Research</i> , <b>2018</b> , 6, 416-432	3.3	107
19	The mediation role of frontline employee adaptability between service orientation and job outcomes: evidence from Indian power sector. <i>International Journal of Business Excellence</i> , <b>2017</b> , 11, 357	0.7	7
18	Workplace spirituality, frontline employee adaptability and job outcomes: an empirical study. <i>International Journal of Process Management and Benchmarking</i> , <b>2017</b> , 7, 437	0.3	5
17	The relationship between emotional intelligence, frontline employee adaptability, job satisfaction and job performance. <i>Journal of Retailing and Consumer Services</i> , <b>2016</b> , 30, 20-32	8.5	62
16	Enhancing impact of ergonomics in educational institutions: theoretical foundations and practical viewpoints. <i>International Journal of Process Management and Benchmarking</i> , <b>2016</b> , 6, 133	0.3	1

15	Fleadapt scale: a new tool to measure frontline employee adaptability in power sector. <i>International Journal of Energy Sector Management</i> , <b>2015</b> , 9, 496-522	2.5	11
14	FLE adaptability in high contact and high customisable services: theoretical underpinnings and conceptual model. <i>International Journal of Services and Operations Management</i> , <b>2014</b> , 19, 49	0.4	5
13	The dimensions of frontline employee adaptability in power sector. <i>International Journal of Energy Sector Management</i> , <b>2014</b> , 8, 240-258	2.5	21
12	Six Sigma, organizational learning and innovation. <i>International Journal of Quality and Reliability Management</i> , <b>2012</b> , 29, 915-936	2	24
11	Strategic role of capacity management in electricity service centre using Markovian and simulation approach. <i>International Journal of Business and Systems Research</i> , <b>2012</b> , 6, 59	0.4	7
10	A typology for frontline employee adaptability to gain insights in service customisation: a viewpoint. <i>International Journal of Services and Operations Management</i> , <b>2012</b> , 12, 490	0.4	24
9	Power Weibull system for business management. <i>International Journal of Industrial and Systems Engineering</i> , <b>2012</b> , 10, 51	0.4	
8	Capacity management of an electricity service centre using simulation. <i>International Journal of Industrial and Systems Engineering</i> , <b>2011</b> , 8, 472	0.4	2
7	Successful implementation of Six Sigma in services: an exploratory research in India Inc.. <i>International Journal of Business Excellence</i> , <b>2011</b> , 4, 399	0.7	19
6	Stochastic modelling of failure interaction: Markov model versus discrete event simulation. <i>International Journal of Advanced Operations Management</i> , <b>2011</b> , 3, 1	0.8	6
5	Transforming Indian Engineering Industries through Industry 4.0: An Integrative Conceptual Analysis. <i>SSRN Electronic Journal</i> ,	1	5
4	Practical Lessons for Engineers to adapt towards Industry 4.0 in Indian Engineering Industries. <i>International Journal of Case Studies in Business, IT, and Education</i> , 86-97		4
3	Developing an Industry 4.0 Readiness Model for Indian Engineering Industries. <i>International Journal of Management, Technology, and Social Science</i> , 141-153		6
2	A Resource-Based View and Institutional Theory- based analysis of Industry 4.0 Implementation in the Indian Engineering Industry. <i>International Journal of Management, Technology, and Social Science</i> , 154-166		2
1	A critical evaluation and measurement of organisational readiness and adoption for continuous improvement within a medical device manufacturer. <i>International Journal of Management Science and Engineering Management</i> , 1-11	2.8	4