

# Atul Kumar Sahu

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

487  
citations

623188

14  
h-index

713013

21  
g-index

34  
all docs

34  
docs citations

34  
times ranked

240  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling barriers of digital manufacturing in a circular economy for enhancing sustainability. International Journal of Productivity and Performance Management, 2022, 71, 833-869.	2.2	43
2	Digital-IIoTs spheres approach toward public development: an exploiting fuzzy-grey mathematical modeling of IIoTs spheres. Grey Systems Theory and Application, 2022, 12, 389-416.	1.0	9
3	Investigation of Machinability Characteristics of EDMed Inconel 825 Alloy under Multidimensional Parametric Modeling by Using Holistic Grey-PCA Statistical Models. Advances in Materials Science and Engineering, 2022, 2022, 1-29.	1.0	1
4	Barriers to adoption of blockchain technology in green supply chain management. Journal of Global Operations and Strategic Sourcing, 2021, 14, 104-133.	3.4	69
5	Modeling the predictive values of ultimate tensile strength in welded joint by response surface methodology. Materials Today: Proceedings, 2021, 44, 3110-3114.	0.9	3
6	A novel approach for benchmarking maintenance based on fuzzy reliability index for the replacement of street lights under uncertainty. International Journal of Process Management and Benchmarking, 2020, 10, 177.	0.1	1
7	A Review on the Research Growth of Industry 4.0. International Journal of Business Analytics, 2020, 7, 77-97.	0.2	16
8	Evaluation of machine tool substitute under data-driven quality management system: a hybrid decision-making approach. TQM Journal, 2020, ahead-of-print, .	2.1	1
9	Appraise the Economic Values of Logistic Handling System under Mixed Information. , 2020, , 1594-1619.		0
10	Performance Estimation of Firms by G-L-A Supply Chain under Imperfect Data. , 2020, , 999-1031.		1
11	Decision support system toward evaluation of resilient supplier. Kybernetes, 2019, 49, 1741-1765.	1.2	22
12	T-SAW methodology for parametric evaluation of surface integrity aspects in AlMg3 (AA5754) alloy: Comparison with T-TOPSIS methodology. Measurement: Journal of the International Measurement Confederation, 2019, 132, 309-323.	2.5	15
13	Agile Supplier Assessment Using Generalized Interval-Valued Trapezoidal Fuzzy Numbers. Advances in Knowledge Acquisition, Transfer and Management Book Series, 2019, , 67-97.	0.1	2
14	Sustainability Appraisement of Industrial Robots by GRA for Real Automation Environment. International Journal of Social Ecology and Sustainable Development, 2019, 10, 53-68.	0.1	0
15	A SAW Mechanism for Investigating the Status of Industrial Robots Under Comprehensive Sustainable Aspects. International Journal of Social Ecology and Sustainable Development, 2019, 10, 69-84.	0.1	0
16	Cluster approach integrating weighted geometric aggregation operator to appraise industrial robot. Kybernetes, 2018, 47, 487-524.	1.2	9
17	A Grey-DEMATEL approach for implicating e-waste management practice. Grey Systems Theory and Application, 2018, 8, 84-99.	1.0	21
18	Grey-based scorecard model for opting fruit supply bazaar locality under advanced chain of macro-micro parameter. British Food Journal, 2018, 120, 59-79.	1.6	10

#	ARTICLE	IF	CITATIONS
19	Green supply chain management assessment under chains of uncertain indices. <i>Journal of Modelling in Management</i> , 2018, 13, 973-993.	1.1	14
20	Performance modeling and benchmarking of green supply chain management. <i>Benchmarking</i> , 2018, 25, 2248-2271.	2.9	39
21	Optimization of weld bead geometry of MS plate (Grade: IS 2062) in the context of welding: a comparative analysis of GRA and PCAâ€™s Taguchi approaches. <i>Sadhana - Academy Proceedings in Engineering Sciences</i> , 2017, 42, 231-244.	0.8	9
22	Appraisements of material handling system in context of fiscal and environment extent. <i>International Journal of Logistics Management</i> , 2017, 28, 2-28.	4.1	22
23	Fuzziness. <i>Advances in Computational Intelligence and Robotics Book Series</i> , 2017, , 1-30.	0.4	6
24	Fuzzy-AHP. <i>Advances in Computational Intelligence and Robotics Book Series</i> , 2017, , 97-125.	0.4	13
25	Performance Estimation of Firms by G-L-A Supply Chain under Imperfect Data. <i>Advances in Computational Intelligence and Robotics Book Series</i> , 2017, , 245-277.	0.4	7
26	Appraise the Economic Values of Logistic Handling System under Mixed Information. <i>Advances in Computational Intelligence and Robotics Book Series</i> , 2017, , 278-308.	0.4	3
27	Benchmarking of Advanced Manufacturing Machines Based on Fuzzy-TOPSIS Method. <i>Advances in Computational Intelligence and Robotics Book Series</i> , 2017, , 309-350.	0.4	7
28	Application of modified MULTI-MOORA for CNC machine tool evaluation in IVGTFNS environment: an empirical study. <i>International Journal of Computer Aided Engineering and Technology</i> , 2016, 8, 234.	0.1	34
29	Machine economic life estimation based on depreciation-replacement model. <i>Cogent Engineering</i> , 2016, 3, 1249225.	1.1	9
30	Application of integrated TOPSIS in ASC index: partners benchmarking perspective. <i>Benchmarking</i> , 2016, 23, 540-563.	2.9	31
31	Appraisal of Partner Enterprises under GTFNS Environment. <i>International Journal of Decision Support System Technology</i> , 2016, 8, 1-19.	0.4	27
32	Benchmarking CNC Machine Tool Using Hybrid-Fuzzy Methodology. <i>International Journal of Fuzzy System Applications</i> , 2015, 4, 28-46.	0.5	22
33	Appraisal and benchmarking of third-party logistic service provider by exploration of risk-based approach. <i>Cogent Business and Management</i> , 2015, 2, .	1.3	21
34	Analysis of static and dynamic loads on chimney foundation in modular design of cold rolling mill. <i>International Journal of Dynamical Systems and Differential Equations</i> , 2015, 5, 99.	0.2	0