

# Dinesh C S Bisht

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

523  
citations

840776

11  
h-index

677142

22  
g-index

26  
all docs

26  
docs citations

26  
times ranked

490  
citing authors

#	ARTICLE	IF	CITATIONS
1	A three diode model for industrial solar cells and estimation of solar cell parameters using PSO algorithm. <i>Renewable Energy</i> , 2015, 78, 105-113.	8.9	304
2	Pareto-optimal solution for fixed-charge solid transportation problem under intuitionistic fuzzy environment. <i>Applied Soft Computing Journal</i> , 2021, 107, 107368.	7.2	22
3	Development of Artificial Neural-Network-Based Models for the Simulation of Spring Discharge. <i>Advances in Artificial Intelligence</i> , 2011, 2011, 1-11.	0.9	18
4	Trisectional fuzzy trapezoidal approach to optimize interval data based transportation problem. <i>Journal of King Saud University - Science</i> , 2020, 32, 195-199.	3.5	18
5	Role of Fuzzy Logic in Flexible Manufacturing System. <i>Management and Industrial Engineering</i> , 2018, , 233-243.	0.4	16
6	A unique conversion approach clubbed with a new ranking technique to optimize fuzzy transportation cost. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	15
7	Recent Trends and Applications of Fuzzy Logic. <i>Advances in Mechatronics and Mechanical Engineering</i> , 2019, , 327-340.	1.0	15
8	Ranking approach based on incenter in triangle of centroids to solve type-1 and type-2 fuzzy transportation problem. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	14
9	Dichotomized Incenter Fuzzy Triangular Ranking Approach to Optimize Interval Data Based Transportation Problem. <i>Cybernetics and Information Technologies</i> , 2018, 18, 111-119.	1.1	13
10	A Unique Computational Method for Constructing Intervals in Fuzzy Time Series Forecasting. <i>Cybernetics and Information Technologies</i> , 2018, 18, 3-10.	1.1	12
11	Fuzzy Optimization and Decision Making. <i>Advances in Mechatronics and Mechanical Engineering</i> , 2019, , 310-326.	1.0	12
12	A Segregated Advancement in the Solution of Triangular Fuzzy Transportation Problems. <i>American Journal of Mathematical and Management Sciences</i> , 2021, 40, 134-144.	0.9	7
13	One Point Conventional Model to Optimize Trapezoidal Fuzzy Transportation Problem. <i>International Journal of Mathematical, Engineering and Management Sciences</i> , 2019, 4, 1251-1263.	0.7	7
14	Energy Dispersive X-Ray Fluorescent Analysis of Soil in the Vicinity of Industrial Areas and Heavy Metal Pollution Assessment. <i>Journal of Applied Spectroscopy</i> , 2017, 84, 306-311.	0.7	6
15	An aggregated higher order fuzzy logical relationships technique. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	6
16	A Hybrid Method for Multi-Criteria Group Decision Making under Pythagorean Fuzzy Environment. <i>International Journal of Modelling and Simulation</i> , 2021, 41, 376-384.	3.3	6
17	Real coded genetic algorithm for fuzzy time series prediction. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	5
18	Particle swarm optimised fuzzy method for prediction of water table elevation fluctuation. <i>International Journal of Data Analysis Techniques and Strategies</i> , 2018, 10, 99.	0.2	5

#	ARTICLE	IF	CITATIONS
19	Estimation of Photovoltaic Cells Model Parameters using Particle Swarm Optimization. Environmental Science and Engineering, 2014, , 391-394.	0.2	5
20	From fuzzy transportation problem to non-linear intuitionistic fuzzy multi-objective transportation problem: A literature review. International Journal of Modelling and Simulation, 2021, 41, 335-350.	3.3	5
21	Stochastic Analysis of Wind Energy for Wind Pump Irrigation in Coastal Andhra Pradesh, India. Journal of the Institution of Engineers (India): Series A, 2014, 95, 157-168.	1.2	3
22	Adaptive particle swarm optimized fuzzy algorithm to predict water table elevation. International Journal of Modeling, Simulation, and Scientific Computing, 2019, 10, 1950038.	1.4	3
23	Strong $\hat{\alpha}$ -cut and associated membership-based modeling for fuzzy time series forecasting. International Journal of Modeling, Simulation, and Scientific Computing, 2021, 12, 2050067.	1.4	3
24	Air quality management using genetic algorithm based heuristic fuzzy time series model. TQM Journal, 2023, 35, 320-333.	3.3	1
25	Sugeno Intuitionistic Fuzzy Generator Based Computational Technique for Crude Oil Price Forecasting. International Journal of Mathematical, Engineering and Management Sciences, 2020, 5, 488-496.	0.7	1
26	Particle swarm optimised fuzzy method for prediction of water table elevation fluctuation. International Journal of Data Analysis Techniques and Strategies, 2018, 10, 99.	0.2	1