

Amrit Das

List of Publications by Year in descending order

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27
papers

381
citations

840776

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794594

19
g-index

27
all docs

27
docs citations

27
times ranked

223
citing authors

#	ARTICLE	IF	CITATIONS
1	Medical relief shelter location problem with patient severity under a limited relief budget. Computers and Industrial Engineering, 2018, 125, 720-728.	6.3	46
2	Profit Maximization Solid Transportation Problem with Trapezoidal Interval Type-2 Fuzzy Numbers. International Journal of Applied and Computational Mathematics, 2016, 2, 41-56.	1.6	41
3	A Profit Maximizing Solid Transportation Model Under a Rough Interval Approach. IEEE Transactions on Fuzzy Systems, 2017, 25, 485-498.	9.8	39
4	Defuzzification and application of trapezoidal type-2 fuzzy variables to green solid transportation problem. Soft Computing, 2018, 22, 2275-2297.	3.6	36
5	Uncertain demand estimation with optimization of time and cost using Facebook disaster map in emergency relief operation. Applied Soft Computing Journal, 2020, 87, 105992.	7.2	31
6	A breakable multi-item multi stage solid transportation problem under budget with Gaussian type-2 fuzzy parameters. Applied Intelligence, 2016, 45, 923-951.	5.3	29
7	Redistribution for cost minimization in disaster management under uncertainty with trapezoidal neutrosophic number. Computers in Industry, 2019, 109, 226-238.	9.9	23
8	A mathematical model for resource allocation in emergency situations with the co-operation of NGOs under uncertainty. Computers and Industrial Engineering, 2019, 137, 106000.	6.3	22
9	An optimal redistribution plan considering aftermath disruption in disaster management. Soft Computing, 2020, 24, 65-82.	3.6	20
10	Defuzzification of trapezoidal type-2 fuzzy variables and its application to solid transportation problem. Journal of Intelligent and Fuzzy Systems, 2016, 30, 2431-2445.	1.4	15
11	A gamma type-2 defuzzification method for solving a solid transportation problem considering carbon emission. Applied Intelligence, 2018, 48, 3995-4022.	5.3	13
12	A Cost Minimization Resource Allocation Model for Disaster Relief Operations With an Information Crowdsourcing-Based MCDM Approach. IEEE Transactions on Engineering Management, 2022, 69, 2454-2474.	3.5	11
13	A solid transportation problem in uncertain environment involving type-2 fuzzy variable. Neural Computing and Applications, 2019, 31, 4903-4927.	5.6	10
14	Prediction of Transportation Costs Using Trapezoidal Neutrosophic Fuzzy Analytic Hierarchy Process and Artificial Neural Networks. IEEE Access, 2021, 9, 103497-103512.	4.2	10
15	A SOLID TRANSPORTATION PROBLEM WITH MIXED CONSTRAINT IN DIFFERENT ENVIRONMENT. Journal of Applied Analysis and Computation, 2016, 6, 179-195.	0.5	8
16	A Multi-Objective Stochastic Solid Transportation Problem with the Supply, Demand, and Conveyance Capacity Following the Weibull Distribution. Mathematics, 2021, 9, 1757.	2.2	6
17	A carbon emission optimization model with reduction method of type-2 zigzag uncertain variable. Neural Computing and Applications, 2020, 32, 10895-10914.	5.6	4
18	A Mathematical Model for Nonlinear Optimization Which Attempts Membership Functions to Address the Uncertainties. Mathematics, 2022, 10, 1743.	2.2	4

#	ARTICLE	IF	CITATIONS
19	Reduction method of zigzag type-2 uncertain variable and its application in two stage STP. , 2017, , .		3
20	A Bi-Objective Solid Transportation Model Under Uncertain Environment. Springer Proceedings in Mathematics and Statistics, 2015, , 261-275.	0.2	3
21	A Humanitarian Green Supply Chain Management Considering Minimum Cost and Time. International Journal of Business Analytics, 2021, 8, 63-82.	0.4	2
22	Generalized Type-2 Intuitionistic Fuzzy Approaches for Allocation and Redistribution of Resources in the Disaster Operation. Studies in Computational Intelligence, 2020, , 327-341.	0.9	2
23	Defuzzification method of type-2 gamma fuzzy variables and its application to transportation problem. , 2017, , .		1
24	The Expected Value Defuzzification Method for Pentagonal Fuzzy Number to Solve a Carbon Cost Integrated Solid Transportation Problem. , 2018, , .		1
25	A Fixed Charge Solid Transportation Problem with Possibility and Expected Value Approaches in Hybrid Uncertain Environment. Studies in Computational Intelligence, 2020, , 182-193.	0.9	1
26	A Bi-Objective Relief Response Solid Transportation Model: Humanitarian Aid. , 2018, , .		0
27	Uncertain Demand Allocation with Insufficient Resource in Disaster by Using Facebook Disaster Map Under Limited Fund. Studies in Computational Intelligence, 2020, , 567-578.	0.9	0