

Amit Kumar

List of Publications by Year in descending order

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71
papers

1,240
citations

430874

18
h-index

395702

33
g-index

74
all docs

74
docs citations

74
times ranked

567
citing authors

#	ARTICLE	IF	CITATIONS
1	Mehar approach to solve fuzzy linear fractional minimal cost flow problems. Journal of Intelligent and Fuzzy Systems, 2022, , 1-17.	1.4	0
2	JMD Approach for Solving Unbalanced Fully Trapezoidal Intuitionistic Fuzzy Transportation Problems. Studies in Fuzziness and Soft Computing, 2021, , 143-203.	0.8	1
3	Mehar Approach for Finding Shortest Path in Supply Chain Network. Sustainability, 2021, 13, 4016.	3.2	3
4	Commentary on "D-Intuitionistic Hesitant Fuzzy Sets and Their Application in Multiple Attribute Decision Making". Cognitive Computation, 2021, 13, 1047-1048.	5.2	9
5	Commentary on "Utilizing Linguistic Picture Fuzzy Aggregation Operators for Multiple-Attribute Decision-Making Problems". International Journal of Fuzzy Systems, 2021, 23, 1914-1917.	4.0	5
6	Appropriate Weighted Averaging Aggregation Operator Under Some Extensions of the Fuzzy Environment. Studies in Fuzziness and Soft Computing, 2021, , 1-86.	0.8	0
7	An Application of Possibilistic Moments of Nonlinear Type of Fuzzy Numbers in Supply Chain Management. Mathematical Problems in Engineering, 2021, 2021, 1-18.	1.1	0
8	A note on "Novel scaled prioritized intuitionistic fuzzy soft interaction averaging aggregation operators and their application to multi criteria decision making". Engineering Applications of Artificial Intelligence, 2020, 87, 103287.	8.1	2
9	Mehar method for solving unbalanced generalized interval-valued trapezoidal fuzzy number transportation problems. , 2020, , 311-334.		1
10	Commentary on "On Intuitionistic Fuzzy Copula Aggregation Operators in Multiple-Attribute Decision Making". Cognitive Computation, 2020, 12, 891-895.	5.2	1
11	Mehar approach for solving dual-hesitant fuzzy transportation problem with restrictions. Sadhana - Academy Proceedings in Engineering Sciences, 2020, 45, 1.	1.3	4
12	JMD method for transforming an unbalanced fully intuitionistic fuzzy transportation problem into a balanced fully intuitionistic fuzzy transportation problem. Soft Computing, 2020, 24, 15639-15654.	3.6	10
13	Commentary on "New aggregation operators of single-valued neutrosophic hesitant fuzzy set and their application in multi-attribute decision making". Pattern Analysis and Applications, 2019, 22, 1207-1209.	4.6	7
14	A note on "Transportation problem under interval-valued intuitionistic fuzzy environment". Journal of Intelligent and Fuzzy Systems, 2019, 37, 897-900.	1.4	4
15	Commentary on "A reply to a Note on the paper "A simplified novel technique for solving fully fuzzy linear programming problems". Journal of Intelligent and Fuzzy Systems, 2019, 36, 5685-5691.	1.4	0
16	Comment on "Least-squares approach to regression modeling in full interval-valued fuzzy environment". Soft Computing, 2019, 23, 10019-10027.	3.6	2
17	A Note on "Approaches to Interval Intuitionistic Trapezoidal Fuzzy Multiple Attribute Decision Making with Incomplete Weight Information". International Journal of Fuzzy Systems, 2019, 21, 1010-1011.	4.0	8
18	Mehar Method to Find the Fuzzy Optimal Solution of Bounded Fully Fuzzy Linear Programs with Symmetric Trapezoidal Fuzzy Numbers. Proceedings of the National Academy of Sciences India Section A - Physical Sciences, 2019, 89, 241-248.	1.2	1

#	ARTICLE	IF	CITATIONS
19	Ambika Methods for Solving Matrix Games With Atanassov's Intuitionistic Fuzzy Payoffs. IEEE Transactions on Fuzzy Systems, 2018, 26, 270-283.	9.8	18
20	Sustainable energy planning decision using the intuitionistic fuzzy analytic hierarchy process: choosing energy technology in Malaysia: necessary modifications. International Journal of Sustainable Energy, 2018, 37, 436-437.	2.4	4
21	A novel method for solving fully fuzzy linear fractional programming problems. Journal of Intelligent and Fuzzy Systems, 2017, 33, 1983-1990.	1.4	12
22	Modified Approach for Optimization of Real Life Transportation Problem in Neutrosophic Environment. Mathematical Problems in Engineering, 2017, 2017, 1-9.	1.1	12
23	A note on "Ranking generalized exponential trapezoidal fuzzy numbers based on variance". Journal of Intelligent and Fuzzy Systems, 2016, 31, 213-215.	1.4	2
24	A Note on "A New Method for Solving Fuzzy Linear Programming Problems Based on the Fuzzy Linear Complementary Problem (FLCP)". International Journal of Fuzzy Systems, 2016, 18, 333-337.	4.0	7
25	A note on "Applying fuzzy linguistic preference relations to the improvement of consistency of fuzzy AHP". Information Sciences, 2016, 346-347, 1-5.	6.9	9
26	A note on "Fully fuzzy fixed charge multi-item solid transportation problem". Applied Soft Computing Journal, 2016, 41, 418-419.	7.2	15
27	A Note on the Paper "Duality Theory for Optimization Problems with Interval-Valued Objective Functions". Journal of Optimization Theory and Applications, 2016, 169, 344-347.	1.5	3
28	A note on "A fuzzy approach to transport optimization problem". Optimization and Engineering, 2016, 17, 987-992.	2.4	2
29	Modified difference-index based ranking bilinear programming approach to solving bimatrix games with payoffs of trapezoidal intuitionistic fuzzy numbers. Journal of Intelligent and Fuzzy Systems, 2015, 29, 1607-1618.	1.4	4
30	On Fuzzy Multiobjective Multi-Item Solid Transportation Problem. Journal of Optimization, 2015, 2015, 1-13.	6.0	7
31	A note on "A methodology for matrix games with payoffs of triangular intuitionistic fuzzy number". Journal of Intelligent and Fuzzy Systems, 2014, 27, 1689-1691.	1.4	4
32	Mehar Methods for Fuzzy Optimal Solution and Sensitivity Analysis of Fuzzy Linear Programming with Symmetric Trapezoidal Fuzzy Numbers. Mathematical Problems in Engineering, 2014, 2014, 1-8.	1.1	3
33	Fuzzy optimal solution of fully fuzzy linear programming problems using ranking function. Journal of Intelligent and Fuzzy Systems, 2014, 26, 337-344.	1.4	26
34	A Note on the Paper "A Simplified Novel Technique for Solving Fully Fuzzy Linear Programming Problems". Journal of Optimization Theory and Applications, 2014, 163, 685-696.	1.5	14
35	Optimal way of selecting cities and conveyances for supplying coal in uncertain environment. Sadhana - Academy Proceedings in Engineering Sciences, 2014, 39, 165-187.	1.3	8
36	A new method for solving single and multi-objective fuzzy minimum cost flow problems with different membership functions. Sadhana - Academy Proceedings in Engineering Sciences, 2014, 39, 189-206.	1.3	2

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37	Linear programming approach for solving fuzzy critical path problems with fuzzy parameters. Applied Soft Computing Journal, 2014, 21, 309-319.	7.2	22
38	A method for unbalanced transportation problems in fuzzy environment. Sadhana - Academy Proceedings in Engineering Sciences, 2014, 39, 573-581.	1.3	26
39	A New Method to Find the Unique Fuzzy Optimal Value of Fuzzy Linear Programming Problems. Journal of Optimization Theory and Applications, 2013, 156, 529-534.	1.5	13
40	SOME NEW COMPUTATIONAL METHODS TO SOLVE DUAL FULLY FUZZY LINEAR SYSTEM OF ARBITRARY TRIANGULAR FUZZY NUMBERS. New Mathematics and Natural Computation, 2013, 09, 13-26.	0.7	4
41	Mehar's Methods for Fuzzy Assignment Problems with Restrictions. Fuzzy Information and Engineering, 2013, 5, 27-44.	1.7	0
42	Solving fully fuzzy linear system with arbitrary triangular fuzzy numbers $\{(m, \alpha, \eta)\}$. Soft Computing, 2013, 17, 691-702.	3.6	32
43	Modification in Chen and Tsai's method for solving time-cost trade-off problems of project networks in fuzzy environments. Neural Computing and Applications, 2013, 23, 1045-1050.	5.6	0
44	Application of non-normal p-norm trapezoidal fuzzy number in reliability evaluation of electrical substations. Neural Computing and Applications, 2013, 23, 531-539.	5.6	5
45	A new method for sensitivity analysis of fuzzy transportation problems. Journal of Intelligent and Fuzzy Systems, 2013, 25, 167-175.	1.4	10
46	Applications of Fuzzy Linear Programming with Generalized LR Flat Fuzzy Parameters. Fuzzy Information and Engineering, 2013, 5, 475-492.	1.7	2
47	Method for solving unbalanced fully fuzzy multi-objective solid minimal cost flow problems. Applied Intelligence, 2013, 38, 239-254.	5.3	9
48	Linear programming approach to find the solution of fully fuzzy linear systems with arbitrary fuzzy coefficients. Journal of Intelligent and Fuzzy Systems, 2013, 25, 747-753.	1.4	4
49	Mehar's method for solving fully fuzzy linear programming problems with L - R fuzzy parameters. Applied Mathematical Modelling, 2013, 37, 7142-7153.	4.2	48
50	Application of the weakest t-norm ($T(\%)$) based vague lambda-tau methodology for reliability analysis of gas turbine system. Journal of Intelligent and Fuzzy Systems, 2013, 25, 907-918.	1.4	2
51	Risk analysis of combustion system using vague ranking method. Journal of Intelligent and Fuzzy Systems, 2013, 24, 765-773.	1.4	5
52	A new approach for analysis the fuzzy reliability using LR type interval valued flat vague set. International Journal of Systems Assurance Engineering and Management, 2012, 3, 360-370.	2.4	1
53	Mehar's method to find exact fuzzy optimal solution of unbalanced fully fuzzy multi-objective transportation problems. Optimization Letters, 2012, 6, 1737-1751.	1.6	19
54	Methods for solving unbalanced fuzzy transportation problems. Operational Research, 2012, 12, 287-316.	2.0	13

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55	A New Computational Method for Solving Fully Fuzzy Linear Systems of Triangular Fuzzy Numbers. Fuzzy Information and Engineering, 2012, 4, 63-73.	1.7	16
56	Exact fuzzy optimal solution of fully fuzzy linear programming problems with unrestricted fuzzy variables. Applied Intelligence, 2012, 37, 145-154.	5.3	33
57	A new method for solving linear multi-objective transportation problems with fuzzy parameters. Applied Mathematical Modelling, 2012, 36, 1421-1430.	4.2	60
58	A new approach for solving fuzzy transportation problems using generalized trapezoidal fuzzy numbers. Applied Soft Computing Journal, 2012, 12, 1201-1213.	7.2	145
59	Fuzzy Optimal Solution of Fully Fuzzy Project Crashing Problems with New Representation of LR Flat Fuzzy Numbers. Lecture Notes in Computer Science, 2011, , 171-174.	1.3	3
60	Application of Classical Transportation Methods for Solving Fuzzy Transportation Problems. Journal of Transportation System Engineering and Information Technology, 2011, 11, 68-80.	0.6	19
61	An algorithm for solving fuzzy maximal flow problems using generalized triangular fuzzy numbers. International Journal of Hybrid Intelligent Systems, 2011, 8, 15-24.	1.2	3
62	A New Approach for Solving Fully Fuzzy Linear Systems. Advances in Fuzzy Systems, 2011, 2011, 1-8.	0.9	24
63	Fuzzy Linear Programming Approach for Solving Fuzzy Transportation Problems with Transshipment. Mathematical Modelling and Algorithms, 2011, 10, 163-180.	0.5	11
64	RM approach for ranking of \mathbb{R} type generalized fuzzy numbers. Soft Computing, 2011, 15, 1373-1381.	3.6	26
65	A new method for solving fully fuzzy linear programming problems. Applied Mathematical Modelling, 2011, 35, 817-823.	4.2	233
66	A new method for solving fuzzy transportation problems using ranking function. Applied Mathematical Modelling, 2011, 35, 5652-5661.	4.2	107
67	Methods for Solving Fuzzy Assignment Problems and Fuzzy Travelling Salesman Problems with Different Membership Functions. Fuzzy Information and Engineering, 2011, 3, 3-21.	1.7	28
68	Application of Classical Transportation Methods to Find the Fuzzy Optimal Solution of Fuzzy Transportation Problems. Fuzzy Information and Engineering, 2011, 3, 81-99.	1.7	30
69	A New Method for Solving Fuzzy Linear Programs with Trapezoidal Fuzzy Numbers. Journal of Fuzzy Set Valued Analysis, 2011, 2011, 1-12.	0.2	27
70	RM Approach for Ranking of Generalized Trapezoidal Fuzzy Numbers. Fuzzy Information and Engineering, 2010, 2, 37-47.	1.7	28
71	A note on α -Dealer using a new trapezoidal cubic hesitant fuzzy TOPSIS method and application to group decision-making program: Soft Computing, 0, , .	3.6	0