

Animesh Biswas

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

947
citations

471061

17
h-index

476904

29
g-index

66
all docs

66
docs citations

66
times ranked

579
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of fuzzy goal programming technique to land use planning in agricultural system. Omega, 2005, 33, 391-398.	3.6	148
2	Pythagorean fuzzy TOPSIS for multicriteria group decision-making with unknown weight information through entropy measure. International Journal of Intelligent Systems, 2019, 34, 1108-1128.	3.3	73
3	Fuzzy inference model for assessing occupational risks in construction sites. International Journal of Industrial Ergonomics, 2016, 55, 114-128.	1.5	59
4	Pythagorean fuzzy AHP-TOPSIS integrated approach for transportation management through a new distance measure. Soft Computing, 2021, 25, 4073-4089.	2.1	53
5	Pythagorean fuzzy multicriteria group decision making through similarity measure based on point operators. International Journal of Intelligent Systems, 2018, 33, 1731-1744.	3.3	52
6	Interval-valued Pythagorean fuzzy TODIM approach through point operator-based similarity measures for multicriteria group decision making. Kybernetes, 2019, 48, 496-519.	1.2	48
7	Pythagorean fuzzy Schweizer and Sklar power aggregation operators for solving multi-attribute decision-making problems. Granular Computing, 2021, 6, 991-1007.	4.4	37
8	A unified method for Pythagorean fuzzy multicriteria group decision-making using entropy measure, linear programming and extended technique for ordering preference by similarity to ideal solution. Soft Computing, 2020, 24, 5333-5344.	2.1	31
9	Air quality assessment using weighted interval type-2 fuzzy inference system. Ecological Informatics, 2018, 46, 133-146.	2.3	30
10	Multicriteria decision-making using Archimedean aggregation operators in Pythagorean hesitant fuzzy environment. International Journal of Intelligent Systems, 2019, 34, 1361-1386.	3.3	30
11	Dual hesitant $\langle i \rangle q \langle /i \rangle$ - \hat{e} ng orthopair fuzzy Dombi $\langle i \rangle t \langle /i \rangle$ - \hat{e} norm and $\langle i \rangle t \langle /i \rangle$ - \hat{e} norm based Bonferroni mean operators for solving multicriteria group decision making problems. International Journal of Intelligent Systems, 2021, 36, 3293-3338.	3.3	27
12	A fuzzy programming approach for solving quadratic bilevel programming problems with fuzzy resource constraints. International Journal of Operational Research, 2011, 12, 142.	0.1	22
13	Using Fuzzy Goal Programming Technique to Solve Multiobjective Chance Constrained Programming Problems in a Fuzzy Environment. International Journal of Fuzzy System Applications, 2012, 2, 71-80.	0.5	22
14	Linguistic Einstein aggregation operator-based TOPSIS for multicriteria group decision making in linguistic Pythagorean fuzzy environment. International Journal of Intelligent Systems, 2021, 36, 2825-2864.	3.3	22
15	Exploration of transcultural properties of the reduced version of the Morningness-Eveningness Questionnaire (rMEQ) using adaptive neuro-fuzzy inference system. Biological Rhythm Research, 2014, 45, 955-968.	0.4	20
16	A fuzzy goal programming technique for multi-objective chance constrained programming with normally distributed fuzzy random variables and fuzzy numbers. International Journal of Mathematics in Operational Research, 2013, 5, 551.	0.1	19
17	An Integrated TOPSIS Approach to MADM with Interval-Valued Intuitionistic Fuzzy Settings. Advances in Intelligent Systems and Computing, 2018, , 533-543.	0.5	19
18	Genetic Algorithm Based Hybrid Fuzzy System for Assessing Morningness. Advances in Fuzzy Systems, 2014, 2014, 1-9.	0.6	18

#	ARTICLE	IF	CITATIONS
19	A unified method of defuzzification for type-2 fuzzy numbers with its application to multiobjective decision making. <i>Granular Computing</i> , 2018, 3, 301-318.	4.4	18
20	A Fuzzy Goal Programming Method for Solving Chance Constrained Programming with Fuzzy Parameters. <i>Communications in Computer and Information Science</i> , 2011, , 187-196.	0.4	17
21	Risk Analysis in Construction Sites Using Fuzzy Reasoning and Fuzzy Analytic Hierarchy Process. <i>Procedia Technology</i> , 2013, 10, 604-614.	1.1	17
22	Priority Based Fuzzy Goal Programming Technique to Fractional Fuzzy Goals Using Dynamic Programming. <i>Fuzzy Information and Engineering</i> , 2012, 4, 165-180.	1.0	14
23	A multi-criteria decision making approach for strategy formulation using Pythagorean fuzzy logic. <i>Expert Systems</i> , 2022, 39, e12802.	2.9	13
24	A Fuzzy Goal Programming Approach for Solid Waste Management Under Multiple Uncertainties. <i>Procedia Environmental Sciences</i> , 2016, 35, 245-256.	1.3	11
25	A Fuzzy Multilevel Programming Method for Hierarchical Decision Making. <i>Lecture Notes in Computer Science</i> , 2004, , 904-911.	1.0	11
26	Assessment of Occupational Risks in Construction Sites Using Interval Type-2 Fuzzy Analytic Hierarchy Process. <i>Lecture Notes in Networks and Systems</i> , 2018, , 283-297.	0.5	11
27	Status evaluation of provinces affected by COVID-19: A qualitative assessment using fuzzy system. <i>Applied Soft Computing Journal</i> , 2021, 109, 107540.	4.1	8
28	A Unified TOPSIS Approach to MADM Problems in Interval-Valued Intuitionistic Fuzzy Environment. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 435-447.	0.5	7
29	An Efficient Ranking Technique for Intuitionistic Fuzzy Numbers with Its Application in Chance Constrained Bilevel Programming. <i>Advances in Fuzzy Systems</i> , 2016, 2016, 1-12.	0.6	6
30	On Solving Multiobjective Transportation Problems with Fuzzy Random Supply and Demand Using Fuzzy Goal Programming. <i>International Journal of Operations Research and Information Systems</i> , 2017, 8, 54-81.	1.0	6
31	Generalization of extent analysis method for solving multicriteria decision making problems involving intuitionistic fuzzy numbers. <i>Opsearch</i> , 2019, 56, 1142-1166.	1.1	6
32	A Multiobjective Fuzzy Chance Constrained Programming Model for Land Allocation in Agricultural Sector: A case study. <i>International Journal of Computational Intelligence Systems</i> , 2017, 10, 196.	1.6	6
33	Intuitionistic Fuzzy Possibility Degree Measure for Ordering of IFNs with Its Application to MCDM. <i>International Journal of Fuzzy System Applications</i> , 2019, 8, 1-24.	0.5	5
34	On solving chance constrained programming problems involving uniform distribution with fuzzy parameters. <i>Intelligent Decision Technologies</i> , 2013, 7, 151-159.	0.6	4
35	A unified approach for fuzzy multiobjective stochastic programming with Cauchy and extreme value distributed fuzzy random variables. <i>Intelligent Decision Technologies</i> , 2018, 12, 81-91.	0.6	4
36	Analytic hierarchy process based on interval type-2 intuitionistic fuzzy sets with their application to multicriteria decision making. <i>Intelligent Decision Technologies</i> , 2018, 12, 359-370.	0.6	4

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37	Interval Type-2 Mamdani Fuzzy Inference System for Morningness Assessment of Individuals. <i>Advances in Intelligent Systems and Computing</i> , 2017, , 679-693.	0.5	4
38	On Developing Interval-Valued Dual Hesitant Fuzzy Bonferroni Mean Aggregation Operator and Their Application to Multicriteria Decision Making. <i>Communications in Computer and Information Science</i> , 2019, , 27-46.	0.4	3
39	Development of Archimedean t -norm and t -conorm-based interval-valued dual hesitant fuzzy aggregation operators with their application in multicriteria decision making. <i>Engineering Reports</i> , 2020, 2, e12106.	0.9	3
40	A Fuzzy Programming Method for Solving Multiobjective Chance Constrained Programming Problems Involving Log-Normally Distributed Fuzzy Random Variables. <i>Lecture Notes in Computer Science</i> , 2012, , 442-450.	1.0	3
41	A Fuzzy Goal Programming Approach for Fuzzy Multiobjective Stochastic Programming through Expectation Model. <i>Communications in Computer and Information Science</i> , 2012, , 124-135.	0.4	2
42	A Fuzzy Programming Approach for Bilevel Stochastic Programming. <i>Advances in Intelligent Systems and Computing</i> , 2014, , 125-135.	0.5	2
43	Use of Possibility Measures for Ranking of Interval Valued Intuitionistic Fuzzy Numbers in Solving Multicriteria Decision Making Problems. <i>Communications in Computer and Information Science</i> , 2017, , 153-167.	0.4	2
44	Validation of questionnaires for measuring morningness of students and shift workers in Indian population using intelligent fuzzy system. <i>Intelligent Decision Technologies</i> , 2017, 11, 265-273.	0.6	2
45	Development of a fuzzy decision support system to deal with uncertainties in working posture analysis using rapid upper limb assessment. , 2020, , 119-140.		2
46	On Developing Pythagorean Fuzzy Dombi Geometric Bonferroni Mean Operators with Their Application to Multicriteria Decision Making. , 2021, , 209-234.		2
47	Application of Fuzzy Programming Method for Solving Nonlinear Fractional Programming Problems with Fuzzy Parameters. <i>Communications in Computer and Information Science</i> , 2012, , 104-113.	0.4	2
48	A Fuzzy Reasoning Approach for Assessing Morningness of Individuals Using Reduced Version of Morningness-Eveningness Questionnaire. <i>International Journal of Computational Intelligence Systems</i> , 2017, 10, 347.	1.6	2
49	Uncertainty evaluations through interval-valued Pythagorean hesitant fuzzy Archimedean aggregation operators in multicriteria decision making. <i>Intelligent Decision Technologies</i> , 2022, 15, 511-540.	0.6	2
50	A priority based fuzzy programming approach for multiobjective probabilistic linear fractional programming. , 2013, , .		1
51	On Solving Multiobjective Quadratic Programming Problems in a Probabilistic Fuzzy Environment. <i>Advances in Intelligent Systems and Computing</i> , 2015, , 543-557.	0.5	1
52	Multiobjective linear programming model having fuzzy random variables following joint extreme value distribution. , 2016, , .		1
53	TOPSIS based on linear programming for solving MADM problems in interval-valued intuitionistic fuzzy settings. , 2018, , .		1
54	Maclaurin Symmetric Mean-Based Archimedean Aggregation Operators for Aggregating Hesitant Pythagorean Fuzzy Elements and Their Applications to Multicriteria Decision Making. , 2021, , 329-365.		1

#	ARTICLE	IF	CITATIONS
55	Quadratic Fuzzy Bilevel Chance Constrained Programming with Parameters Following Weibull Distribution. Lecture Notes in Computer Science, 2013, , 406-418.	1.0	1
56	An Efficient Technique for Solving Fully Fuzzified Multiobjective Stochastic Programming Problems. Advances in Intelligent Systems and Computing, 2015, , 497-509.	0.5	1
57	A fuzzy goal programming approach for quadratic multiobjective bilevel programming under fuzzy environment. , 2013, , .		0
58	A fuzzy goal programming technique for quadratic multiobjective multilevel programming. , 2013, , .		0
59	Chance-Constrained Fuzzy Goal Programming with Penalty Functions for Academic Resource Planning in University Management Using Genetic Algorithm. Modeling and Optimization in Science and Technologies, 2017, , 449-474.	0.7	0
60	A Fuzzy Logic Approach to Evaluate Discomfort of Body Parts Among Female Sal Leaf Plate Makers in India. Communications in Computer and Information Science, 2021, , 91-104.	0.4	0
61	Hesitant-Intuitionistic Trapezoidal Fuzzy Prioritized Operators Based on Einstein Operations with Their Application to Multi-criteria Group Decision-Making. Studies in Computational Intelligence, 2020, , 1-24.	0.7	0
62	On Solving Multiobjective Transportation Problems With Fuzzy Random Supply and Demand Using Fuzzy Goal Programming. , 0, , 791-821.		0