

# Animesh Biswas

## List of Publications by Year in descending order

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62  
papers

947  
citations

471509

17  
h-index

477307

29  
g-index

66  
all docs

66  
docs citations

66  
times ranked

579  
citing authors

#	ARTICLE	IF	CITATIONS
1	A multi-criteria decision making approach for strategy formulation using Pythagorean fuzzy logic. Expert Systems, 2022, 39, e12802.	4.5	13
2	Uncertainty evaluations through interval-valued Pythagorean hesitant fuzzy Archimedean aggregation operators in multicriteria decision making. Intelligent Decision Technologies, 2022, 15, 511-540.	0.9	2
3	Pythagorean fuzzy Schweizer and Sklar power aggregation operators for solving multi-attribute decision-making problems. Granular Computing, 2021, 6, 991-1007.	8.0	37
4	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.	0.5	0
5	Maclaurin Symmetric Mean-Based Archimedean Aggregation Operators for Aggregating Hesitant Pythagorean Fuzzy Elements and Their Applications to Multicriteria Decision Making. , 2021, , 329-365.		1
6	Pythagorean fuzzy AHP-TOPSIS integrated approach for transportation management through a new distance measure. Soft Computing, 2021, 25, 4073-4089.	3.6	53
7	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.	5.7	22
8	Dual hesitant $q$ -rung orthopair fuzzy Dombi $t$ -norm and $t$ -norm based Bonferroni mean operators for solving multicriteria group decision making problems. International Journal of Intelligent Systems, 2021, 36, 3293-3338.	5.7	27
9	Status evaluation of provinces affected by COVID-19: A qualitative assessment using fuzzy system. Applied Soft Computing Journal, 2021, 109, 107540.	7.2	8
10	On Developing Pythagorean Fuzzy Dombi Geometric Bonferroni Mean Operators with Their Application to Multicriteria Decision Making. , 2021, , 209-234.		2
11	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.	3.6	31
12	Development of Archimedean $t$ -norm and $t$ -norm-based interval-valued dual hesitant fuzzy aggregation operators with their application in multicriteria decision making. Engineering Reports, 2020, 2, e12106.	1.7	3
13	Development of a fuzzy decision support system to deal with uncertainties in working posture analysis using rapid upper limb assessment. , 2020, , 119-140.		2
14	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.	0.9	0
15	Generalization of extent analysis method for solving multicriteria decision making problems involving intuitionistic fuzzy numbers. Opsearch, 2019, 56, 1142-1166.	1.8	6
16	On Developing Interval-Valued Dual Hesitant Fuzzy Bonferroni Mean Aggregation Operator and Their Application to Multicriteria Decision Making. Communications in Computer and Information Science, 2019, , 27-46.	0.5	3
17	Multicriteria decision-making using Archimedean aggregation operators in Pythagorean hesitant fuzzy environment. International Journal of Intelligent Systems, 2019, 34, 1361-1386.	5.7	30
18	Intuitionistic Fuzzy Possibility Degree Measure for Ordering of IVIFNs with Its Application to MCDM. International Journal of Fuzzy System Applications, 2019, 8, 1-24.	0.7	5

#	ARTICLE	IF	CITATIONS
19	A Unified TOPSIS Approach to MADM Problems in Interval-Valued Intuitionistic Fuzzy Environment. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 435-447.	0.6	7
20	Interval-valued Pythagorean fuzzy TODIM approach through point operator-based similarity measures for multicriteria group decision making. <i>Kybernetes</i> , 2019, 48, 496-519.	2.2	48
21	Pythagorean fuzzy TOPSIS for multicriteria group decision-making with unknown weight information through entropy measure. <i>International Journal of Intelligent Systems</i> , 2019, 34, 1108-1128.	5.7	73
22	An Integrated TOPSIS Approach to MADM with Interval-Valued Intuitionistic Fuzzy Settings. <i>Advances in Intelligent Systems and Computing</i> , 2018, , 533-543.	0.6	19
23	Pythagorean fuzzy multicriteria group decision making through similarity measure based on point operators. <i>International Journal of Intelligent Systems</i> , 2018, 33, 1731-1744.	5.7	52
24	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.	0.9	4
25	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.	8.0	18
26	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.	0.9	4
27	TOPSIS based on linear programming for solving MADM problems in interval-valued intuitionistic fuzzy settings. , 2018, , .		1
28	Air quality assessment using weighted interval type-2 fuzzy inference system. <i>Ecological Informatics</i> , 2018, 46, 133-146.	5.2	30
29	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.	0.7	11
30	Chance-Constrained Fuzzy Goal Programming with Penalty Functions for Academic Resource Planning in University Management Using Genetic Algorithm. <i>Modeling and Optimization in Science and Technologies</i> , 2017, , 449-474.	0.7	0
31	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.	0.5	2
32	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.	0.9	2
33	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
34	Interval Type-2 Mamdani Fuzzy Inference System for Morningness Assessment of Individuals. <i>Advances in Intelligent Systems and Computing</i> , 2017, , 679-693.	0.6	4
35	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.	2.7	6
36	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.	2.7	2

#	ARTICLE	IF	CITATIONS
37	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.	0.9	6
38	Multiobjective linear programming model having fuzzy random variables following joint extreme value distribution. , 2016, , .		1
39	Fuzzy inference model for assessing occupational risks in construction sites. <i>International Journal of Industrial Ergonomics</i> , 2016, 55, 114-128.	2.6	59
40	A Fuzzy Goal Programming Approach for Solid Waste Management Under Multiple Uncertainties. <i>Procedia Environmental Sciences</i> , 2016, 35, 245-256.	1.4	11
41	On Solving Multiobjective Quadratic Programming Problems in a Probabilistic Fuzzy Environment. <i>Advances in Intelligent Systems and Computing</i> , 2015, , 543-557.	0.6	1
42	An Efficient Technique for Solving Fully Fuzzified Multiobjective Stochastic Programming Problems. <i>Advances in Intelligent Systems and Computing</i> , 2015, , 497-509.	0.6	1
43	Genetic Algorithm Based Hybrid Fuzzy System for Assessing Morningness. <i>Advances in Fuzzy Systems</i> , 2014, 2014, 1-9.	0.9	18
44	Exploration of transcultural properties of the reduced version of the Morningness-Eveningness Questionnaire (rMEQ) using adaptive neuro-fuzzy inference system. <i>Biological Rhythm Research</i> , 2014, 45, 955-968.	0.9	20
45	A Fuzzy Programming Approach for Bilevel Stochastic Programming. <i>Advances in Intelligent Systems and Computing</i> , 2014, , 125-135.	0.6	2
46	Risk Analysis in Construction Sites Using Fuzzy Reasoning and Fuzzy Analytic Hierarchy Process. <i>Procedia Technology</i> , 2013, 10, 604-614.	1.1	17
47	A priority based fuzzy programming approach for multiobjective probabilistic linear fractional programming. , 2013, , .		1
48	A fuzzy goal programming approach for quadratic multiobjective bilevel programming under fuzzy environment. , 2013, , .		0
49	A fuzzy goal programming technique for multi-objective chance constrained programming with normally distributed fuzzy random variables and fuzzy numbers. <i>International Journal of Mathematics in Operational Research</i> , 2013, 5, 551.	0.2	19
50	A fuzzy goal programming technique for quadratic multiobjective multilevel programming. , 2013, , .		0
51	On solving chance constrained programming problems involving uniform distribution with fuzzy parameters. <i>Intelligent Decision Technologies</i> , 2013, 7, 151-159.	0.9	4
52	Quadratic Fuzzy Bilevel Chance Constrained Programming with Parameters Following Weibull Distribution. <i>Lecture Notes in Computer Science</i> , 2013, , 406-418.	1.3	1
53	A Fuzzy Goal Programming Approach for Fuzzy Multiobjective Stochastic Programming through Expectation Model. <i>Communications in Computer and Information Science</i> , 2012, , 124-135.	0.5	2
54	Using Fuzzy Goal Programming Technique to Solve Multiobjective Chance Constrained Programming Problems in a Fuzzy Environment. <i>International Journal of Fuzzy System Applications</i> , 2012, 2, 71-80.	0.7	22

#	ARTICLE	IF	CITATIONS
55	Priority Based Fuzzy Goal Programming Technique to Fractional Fuzzy Goals Using Dynamic Programming. Fuzzy Information and Engineering, 2012, 4, 165-180.	1.7	14
56	Application of Fuzzy Programming Method for Solving Nonlinear Fractional Programming Problems with Fuzzy Parameters. Communications in Computer and Information Science, 2012, , 104-113.	0.5	2
57	A Fuzzy Programming Method for Solving Multiobjective Chance Constrained Programming Problems Involving Log-Normally Distributed Fuzzy Random Variables. Lecture Notes in Computer Science, 2012, , 442-450.	1.3	3
58	A fuzzy programming approach for solving quadratic bilevel programming problems with fuzzy resource constraints. International Journal of Operational Research, 2011, 12, 142.	0.2	22
59	A Fuzzy Goal Programming Method for Solving Chance Constrained Programming with Fuzzy Parameters. Communications in Computer and Information Science, 2011, , 187-196.	0.5	17
60	Application of fuzzy goal programming technique to land use planning in agricultural system. Omega, 2005, 33, 391-398.	5.9	148
61	A Fuzzy Multilevel Programming Method for Hierarchical Decision Making. Lecture Notes in Computer Science, 2004, , 904-911.	1.3	11
62	On Solving Multiobjective Transportation Problems With Fuzzy Random Supply and Demand Using Fuzzy Goal Programming. , 0, , 791-821.		0