

Tabasam Rashid

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

89
papers

1,377
citations

18
h-index

35
g-index

91
ext. papers

1,627
ext. citations

2.9
avg, IF

5.69
L-index

#	Paper	IF	Citations
89	Intuitionistic fuzzy incidence graphs. <i>Journal of Intelligent and Fuzzy Systems</i> , 2022 , 42, 1433-1443	1.6	
88	An optimization preference based approach with hesitant intuitionistic linguistic distribution in group decision making. <i>Expert Systems With Applications</i> , 2022 , 187, 115965	7.8	2
87	Computing Edge Version of Resolvability and Double Resolvability of a Graph. <i>Journal of Chemistry</i> , 2022 , 2022, 1-11	2.3	1
86	Three-way decision with conflict analysis approach in the framework of fuzzy set theory. <i>Soft Computing</i> , 2022 , 26, 309-326	3.5	2
85	Application of Linear Programming Model in Multiple Criteria Decision Making Under the Framework of Interval-Valued Hesitant Fuzzy Sets. <i>Advances in Intelligent Systems and Computing</i> , 2021 , 282-290	0.4	
84	On distance measure and TOPSIS model for probabilistic interval-valued hesitant fuzzy sets: application to healthcare facilities in public hospitals. <i>Grey Systems Theory and Application</i> , 2021 , ahead-of-print,	1.6	3
83	An Application of Product of Intuitionistic Fuzzy Incidence Graphs in Textile Industry. <i>Complexity</i> , 2021 , 2021, 1-16	1.6	4
82	Comparative Analysis of Hybrid Fuzzy MCGDM Methodologies for Optimal Robot Selection Process. <i>Symmetry</i> , 2021 , 13, 839	2.7	4
81	An extended TDM method under probabilistic interval-valued hesitant fuzzy environment for stock selection. <i>PLoS ONE</i> , 2021 , 16, e0252115	3.7	1
80	Domination of Fuzzy Incidence Graphs with the Algorithm and Application for the Selection of a Medical Lab. <i>Mathematical Problems in Engineering</i> , 2021 , 2021, 1-11	1.1	3
79	A Study on Fuzzy Order Bounded Linear Operators in Fuzzy Riesz Spaces. <i>Mathematics</i> , 2021 , 9, 1512	2.3	1
78	Picture Fuzzy Incidence Graphs with Application. <i>The Punjab University Journal of Mathematics</i> , 2021 , 435-458		3
77	Domination in Join of Fuzzy Incidence Graphs Using Strong Pairs with Application in Trading System of Different Countries. <i>Symmetry</i> , 2021 , 13, 1279	2.7	4
76	Selection of an alternative based on interval-valued hesitant picture fuzzy sets. <i>Journal of Intelligent and Fuzzy Systems</i> , 2021 , 1-11	1.6	
75	Best/worst method for robot selection. <i>Soft Computing</i> , 2021 , 25, 563-583	3.5	9
74	Multistage decision approach for short life cycle products using Pythagorean fuzzy set. <i>Journal of Intelligent and Fuzzy Systems</i> , 2021 , 40, 1343-1356	1.6	1
73	Weighted interval-valued dual-hesitant fuzzy sets and its application in teaching quality assessment. <i>Soft Computing</i> , 2021 , 25, 3503-3530	3.5	12

72	WASPAS-based decision making methodology with unknown weight information under uncertain evaluations. <i>Expert Systems With Applications</i> , 2021 , 168, 114143	7.8	12
71	Consensus-based robust decision making methods under a novel study of probabilistic uncertain linguistic information and their application in Forex investment. <i>Artificial Intelligence Review</i> , 2021 , 54, 2091-2132	9.7	13
70	Hybrid BW-EDAS MCDM methodology for optimal industrial robot selection. <i>PLoS ONE</i> , 2021 , 16, e0246738	3.8	19
69	Connectivity and Wiener Index of Fuzzy Incidence Graphs. <i>Mathematical Problems in Engineering</i> , 2021 , 2021, 1-7	1.1	8
68	An Approach to Select the Investment Based on Bipolar Picture Fuzzy Sets. <i>International Journal of Fuzzy Systems</i> , 2021 , 23, 2335	3.6	5
67	Multiple criteria decision making based on Hamy mean operators under the environment of spherical fuzzy sets. <i>Journal of Intelligent and Fuzzy Systems</i> , 2021 , 41, 273-298	1.6	1
66	Cyclic connectivity index of fuzzy incidence graphs with applications in the highway system of different cities to minimize road accidents and in a network of different computers. <i>PLoS ONE</i> , 2021 , 16, e0257642	3.7	2
65	A Combinatorial Approach to the Computation of the Fractional Edge Dimension of Graphs. <i>Mathematics</i> , 2021 , 9, 2364	2.3	
64	Normal Wiggly Probabilistic Hesitant Fuzzy Information for Environmental Quality Evaluation. <i>Complexity</i> , 2021 , 2021, 1-14	1.6	0
63	Sustainable Decision Making Using a Consensus Model for Consistent Hesitant Fuzzy Preference Relations—Water Allocation Management Case Study. <i>Symmetry</i> , 2020 , 12, 1957	2.7	0
62	A New Method to Support Decision-Making in an Uncertain Environment Based on Normalized Interval-Valued Triangular Fuzzy Numbers and COMET Technique. <i>Symmetry</i> , 2020 , 12, 516	2.7	51
61	Hesitant Fuzzy Graphs and Their Products. <i>Fuzzy Information and Engineering</i> , 2020 , 12, 238-252	0.5	2
60	The algebraic and lattice structures of type-2 intuitionistic fuzzy sets. <i>Computational and Applied Mathematics</i> , 2020 , 39, 1	2.4	3
59	The topological properties of intuitionistic fuzzy rough sets. <i>Journal of Intelligent and Fuzzy Systems</i> , 2020 , 38, 795-807	1.6	1
58	TODIM approach based on score function under hesitant 2-tuple linguistic environment. <i>Journal of Intelligent and Fuzzy Systems</i> , 2020 , 38, 663-673	1.6	2
57	Generalized interval-valued trapezoidal fuzzy best-worst multiple criteria decision-making method with applications. <i>Journal of Intelligent and Fuzzy Systems</i> , 2020 , 38, 1705-1719	1.6	3
56	Image encryption algorithm using S-box and dynamic Hénon bit level permutation. <i>Multimedia Tools and Applications</i> , 2020 , 79, 6135-6162	2.5	18
55	. <i>IEEE Access</i> , 2020 , 8, 136736-136749	3.5	19

54	Intuitionistic Fuzzy Sets in Multi-Criteria Group Decision Making Problems Using the Characteristic Objects Method. <i>Symmetry</i> , 2020 , 12, 1382	2.7	26
53	Multiple Criteria Decision-Making Based on Vector Similarity Measures under the Framework of Dual Hesitant Fuzzy Sets. <i>Discrete Dynamics in Nature and Society</i> , 2020 , 2020, 1-11	1.1	2
52	Certain convergences for intuitionistic fuzzy sets. <i>Journal of Intelligent and Fuzzy Systems</i> , 2020 , 38, 553-564	5.6	2
51	Modeling of linear programming and extended TOPSIS in decision making problem under the framework of picture fuzzy sets. <i>PLoS ONE</i> , 2019 , 14, e0220957	3.7	18
50	Fractional Metric Dimension of Generalized Jahangir Graph. <i>Mathematics</i> , 2019 , 7, 100	2.3	19
49	Hesitant fuzzy best-worst multi-criteria decision-making method and its applications. <i>International Journal of Intelligent Systems</i> , 2019 , 34, 1953-1967	8.4	22
48	A Novel Multi-Attribute Group Decision-Making Approach in the Framework of Proportional Dual Hesitant Fuzzy Sets. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 1232	2.6	9
47	An outranking approach for hesitant 2-tuple linguistic sets. <i>Granular Computing</i> , 2019 , 4, 725-737	5.4	5
46	Distance measures for hesitant intuitionistic fuzzy linguistic term sets based on a risk factor parameter. <i>International Journal of Computers and Applications</i> , 2019 , 41, 418-435	0.8	2
45	Outranking method for intuitionistic 2-tuple fuzzy linguistic information model in group decision making. <i>Soft Computing</i> , 2019 , 23, 6145-6155	3.5	9
44	Group decision making based on hesitant fuzzy ranking of hesitant fuzzy preference relations. <i>Journal of Intelligent and Fuzzy Systems</i> , 2019 , 37, 2563-2573	1.6	2
43	Multiple Criteria Decision Making Based on Probabilistic Interval-Valued Hesitant Fuzzy Sets by Using LP Methodology. <i>Discrete Dynamics in Nature and Society</i> , 2019 , 2019, 1-12	1.1	10
42	Correlation coefficient of intuitionistic hesitant fuzzy sets based on informational energy and their applications to clustering analysis. <i>Soft Computing</i> , 2019 , 23, 10393-10406	3.5	3
41	Maximization based topologies and their relation with \mathbb{E} convergence of intuitionistic fuzzy sets. <i>Journal of Intelligent and Fuzzy Systems</i> , 2018 , 34, 537-545	1.6	2
40	ELECTRE-Based Outranking Method for Multi-criteria Decision Making Using Hesitant Intuitionistic Fuzzy Linguistic Term Sets. <i>International Journal of Fuzzy Systems</i> , 2018 , 20, 78-92	3.6	36
39	Decision Making with Uncertainty Using Hesitant Fuzzy Sets. <i>International Journal of Fuzzy Systems</i> , 2018 , 20, 93-103	3.6	133
38	Human attitude analysis based on fuzzy soft differential equations with Bonferroni mean. <i>Computational and Applied Mathematics</i> , 2018 , 37, 2632-2647		4
37	Hesitant Probabilistic Multiplicative Preference Relations in Group Decision Making. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 398	2.6	32

36	Hesitant fuzzy preference relation based on Normalization with self confidence in decision making. <i>Journal of Intelligent and Fuzzy Systems</i> , 2018 , 35, 3421-3435	1.6	4
35	An intuitionistic approach for one-shot decision making. <i>Open Journal of Mathematical Sciences</i> , 2018 , 2(2018), 164-178	1.7	4
34	Probabilistic Hesitant Intuitionistic Linguistic Term Sets in Multi-Attribute Group Decision Making. <i>Symmetry</i> , 2018 , 10, 392	2.7	14
33	Additive consistency-based approach for group decision making with hesitant 2-tuple linguistic preference relations. <i>Journal of Intelligent and Fuzzy Systems</i> , 2018 , 35, 4657-4672	1.6	5
32	Distance Based Entropy Measure of Interval-Valued Intuitionistic Fuzzy Sets and Its Application in Multicriteria Decision Making. <i>Advances in Fuzzy Systems</i> , 2018 , 2018, 1-10	1.7	10
31	A Multicriteria Decision-Making Approach Based on Fuzzy AHP with Intuitionistic 2-Tuple Linguistic Sets. <i>Advances in Fuzzy Systems</i> , 2018 , 2018, 1-12	1.7	9
30	Application of Dual Hesitant Fuzzy Geometric Bonferroni Mean Operators in Deciding an Energy Policy for the Society. <i>Mathematical Problems in Engineering</i> , 2018 , 2018, 1-14	1.1	7
29	Hesitant Probabilistic Fuzzy Preference Relations in Decision Making. <i>Mathematical Problems in Engineering</i> , 2018 , 2018, 1-24	1.1	8
28	Modelling Uncertainties in Multi-Criteria Decision Making using Distance Measure and TOPSIS for Hesitant Fuzzy Sets. <i>Journal of Artificial Intelligence and Soft Computing Research</i> , 2017 , 7, 103-109	5.1	15
27	A fuzzy similarity measure based on equivalence relation with application in cluster analysis. <i>International Journal of Computers and Applications</i> , 2017 , 39, 148-154	0.8	4
26	An outranking method for multi-criteria group decision making using hesitant intuitionistic fuzzy linguistic term sets. <i>Journal of Intelligent and Fuzzy Systems</i> , 2017 , 32, 2153-2164	1.6	17
25	Experimental and analytical selection of sustainable recycled concrete with ceramic waste aggregate. <i>Construction and Building Materials</i> , 2017 , 154, 829-840	6.7	76
24	A Clustering Algorithm Based on Intuitionistic Fuzzy Relations for Tree Structure Evaluation. <i>International Journal of Applied and Computational Mathematics</i> , 2017 , 3, 3131-3145	1.3	
23	Group Decision-Making for Hesitant Fuzzy Sets Based on Characteristic Objects Method. <i>Symmetry</i> , 2017 , 9, 136	2.7	79
22	Intuitionistic-Fuzzy Goals in Zero-Sum Multi Criteria Matrix Games. <i>Symmetry</i> , 2017 , 9, 158	2.7	17
21	Chaotic Dynamical State Variables Selection Procedure Based Image Encryption Scheme. <i>Symmetry</i> , 2017 , 9, 312	2.7	10
20	An Intuitionistic 2-Tuple Linguistic Information Model and Aggregation Operators. <i>International Journal of Intelligent Systems</i> , 2016 , 31, 569-592	8.4	29
19	Intuitionistic fuzzy similarity measure: Theory and applications. <i>Journal of Intelligent and Fuzzy Systems</i> , 2016 , 30, 821-829	1.6	6

18	Convex hesitant fuzzy sets. <i>Journal of Intelligent and Fuzzy Systems</i> , 2016 , 30, 2791-2796	1.6	12
17	Hyperchaotic dynamical system based image encryption scheme with time-varying delays. <i>Pacific Science Review A Natural Science and Engineering</i> , 2016 , 18, 254-260		8
16	Convergence of intuitionistic fuzzy sets. <i>Chaos, Solitons and Fractals</i> , 2015 , 81, 11-19	9.3	2
15	Fuzzy Distance Measure and Fuzzy Clustering Algorithm. <i>Journal of Interdisciplinary Mathematics</i> , 2015 , 18, 471-492	1.2	4
14	Hesitant 2-tuple linguistic information in multiple attributes group decision making. <i>Journal of Intelligent and Fuzzy Systems</i> , 2015 , 30, 109-116	1.6	32
13	Ideal solutions for hesitant fuzzy soft sets. <i>Journal of Intelligent and Fuzzy Systems</i> , 2015 , 30, 143-150	1.6	13
12	A geometric aggregation operator for decision making. <i>Vietnam Journal of Computer Science</i> , 2015 , 2, 243-255	0.8	5
11	A Hybrid Technique for Order Preference in Decision-Making. <i>Mathematical Problems in Engineering</i> , 2015 , 2015, 1-9	1.1	
10	Aggregation Operators of Interval-Valued 2-Tuple Linguistic Information. <i>International Journal of Intelligent Systems</i> , 2014 , 29, 634-667	8.4	17
9	Robot selection by using generalized interval-valued fuzzy numbers with TOPSIS. <i>Applied Soft Computing Journal</i> , 2014 , 21, 462-468	7.5	79
8	Multi-criteria trapezoidal valued intuitionistic fuzzy decision making with Choquet integral based TOPSIS. <i>Opsearch</i> , 2014 , 51, 98-129	1.6	40
7	Multicriteria group decision making by using trapezoidal valued hesitant fuzzy sets. <i>Scientific World Journal, The</i> , 2014 , 2014, 304834	2.2	10
6	An Improved Clustering Algorithm Using Fuzzy Relation for the Performance Evaluation of Humanistic Systems. <i>International Journal of Intelligent Systems</i> , 2014 , 29, 1181-1199	8.4	4
5	Group Decision Making Using Intuitionistic Hesitant Fuzzy Sets. <i>International Journal of Fuzzy Logic and Intelligent Systems</i> , 2014 , 14, 181-187	1.8	50
4	TOPSIS for Hesitant Fuzzy Linguistic Term Sets. <i>International Journal of Intelligent Systems</i> , 2013 , 28, 1162-1171	8.4	233
3	A democratic preference aggregation model. <i>Journal of Uncertainty Analysis and Applications</i> , 2013 , 1,		4
2	A modified VIKOR method for group decision-making based on aggregation operators for hesitant intuitionistic fuzzy linguistic term sets. <i>Soft Computing</i> , 1	3.5	1
1	A q-rung orthopair hesitant fuzzy stochastic method based on regret theory with unknown weight information. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 1	3.7	2

