

# Zeshui Xu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8879099/publications.pdf>

Version: 2024-02-01

546  
papers

42,680  
citations

2311

98  
h-index

2940

189  
g-index

552  
all docs

552  
docs citations

552  
times ranked

7181  
citing authors

#	ARTICLE	IF	CITATIONS
1	Intuitionistic Fuzzy Aggregation Operators. IEEE Transactions on Fuzzy Systems, 2007, 15, 1179-1187.	6.5	2,103
2	Some geometric aggregation operators based on intuitionistic fuzzy sets. International Journal of General Systems, 2006, 35, 417-433.	1.2	1,967
3	Hesitant fuzzy information aggregation in decision making. International Journal of Approximate Reasoning, 2011, 52, 395-407.	1.9	1,331
4	Extension of TOPSIS to Multiple Criteria Decision Making with Pythagorean Fuzzy Sets. International Journal of Intelligent Systems, 2014, 29, 1061-1078.	3.3	1,155
5	Distance and similarity measures for hesitant fuzzy sets. Information Sciences, 2011, 181, 2128-2138.	4.0	957
6	Probabilistic linguistic term sets in multi-attribute group decision making. Information Sciences, 2016, 369, 128-143.	4.0	913
7	A method based on linguistic aggregation operators for group decision making with linguistic preference relations*1. Information Sciences, 2004, 166, 19-30.	4.0	849
8	An overview of methods for determining OWA weights. International Journal of Intelligent Systems, 2005, 20, 843-865.	3.3	685
9	Uncertain linguistic aggregation operators based approach to multiple attribute group decision making under uncertain linguistic environment. Information Sciences, 2004, 168, 171-184.	4.0	684
10	Hesitant fuzzy multi-attribute decision making based on TOPSIS with incomplete weight information. Knowledge-Based Systems, 2013, 52, 53-64.	4.0	530
11	Pythagorean fuzzy TODIM approach to multi-criteria decision making. Applied Soft Computing Journal, 2016, 42, 246-259.	4.1	528
12	Dynamic intuitionistic fuzzy multi-attribute decision making. International Journal of Approximate Reasoning, 2008, 48, 246-262.	1.9	526
13	Distance and similarity measures for hesitant fuzzy linguistic term sets and their application in multi-criteria decision making. Information Sciences, 2014, 271, 125-142.	4.0	503
14	Interval-valued hesitant preference relations and their applications to group decision making. Knowledge-Based Systems, 2013, 37, 528-540.	4.0	455
15	On distance and correlation measures of hesitant fuzzy information. International Journal of Intelligent Systems, 2011, 26, 410-425.	3.3	429
16	Correlation coefficients of hesitant fuzzy sets and their applications to clustering analysis. Applied Mathematical Modelling, 2013, 37, 2197-2211.	2.2	426
17	Consistency Measures for Hesitant Fuzzy Linguistic Preference Relations. IEEE Transactions on Fuzzy Systems, 2014, 22, 35-45.	6.5	407
18	Choquet integrals of weighted intuitionistic fuzzy information. Information Sciences, 2010, 180, 726-736.	4.0	399

#	ARTICLE	IF	CITATIONS
19	Intuitionistic Fuzzy Analytic Hierarchy Process. IEEE Transactions on Fuzzy Systems, 2014, 22, 749-761.	6.5	393
20	A Historical Account of Types of Fuzzy Sets and Their Relationships. IEEE Transactions on Fuzzy Systems, 2016, 24, 179-194.	6.5	384
21	Clustering algorithm for intuitionistic fuzzy sets. Information Sciences, 2008, 178, 3775-3790.	4.0	372
22	Qualitative decision making with correlation coefficients of hesitant fuzzy linguistic term sets. Knowledge-Based Systems, 2015, 76, 127-138.	4.0	372
23	Some similarity measures of intuitionistic fuzzy sets and their applications to multiple attribute decision making. Fuzzy Optimization and Decision Making, 2007, 6, 109-121.	3.4	358
24	Dual Hesitant Fuzzy Sets. Journal of Applied Mathematics, 2012, 2012, 1-13.	0.4	357
25	Intuitionistic Fuzzy Bonferroni Means. IEEE Transactions on Systems, Man, and Cybernetics, 2011, 41, 568-578.	5.5	355
26	Some Hesitant Fuzzy Aggregation Operators with Their Application in Group Decision Making. Group Decision and Negotiation, 2013, 22, 259-279.	2.0	354
27	Hesitant Fuzzy Linguistic VIKOR Method and Its Application in Qualitative Multiple Criteria Decision Making. IEEE Transactions on Fuzzy Systems, 2015, 23, 1343-1355.	6.5	349
28	Novel basic operational laws for linguistic terms, hesitant fuzzy linguistic term sets and probabilistic linguistic term sets. Information Sciences, 2016, 372, 407-427.	4.0	303
29	Power-Geometric Operators and Their Use in Group Decision Making. IEEE Transactions on Fuzzy Systems, 2010, 18, 94-105.	6.5	284
30	Probabilistic Linguistic MULTIMOORA: A Multicriteria Decision Making Method Based on the Probabilistic Linguistic Expectation Function and the Improved Borda Rule. IEEE Transactions on Fuzzy Systems, 2018, 26, 3688-3702.	6.5	283
31	Intuitionistic and interval-valued intuitionistic fuzzy preference relations and their measures of similarity for the evaluation of agreement within a group. Fuzzy Optimization and Decision Making, 2009, 8, 123-139.	3.4	275
32	Induced generalized intuitionistic fuzzy operators. Knowledge-Based Systems, 2011, 24, 197-209.	4.0	275
33	A VIKOR-based method for hesitant fuzzy multi-criteria decision making. Fuzzy Optimization and Decision Making, 2013, 12, 373-392.	3.4	271
34	Double hierarchy hesitant fuzzy linguistic term set and MULTIMOORA method: A case of study to evaluate the implementation status of haze controlling measures. Information Fusion, 2017, 38, 22-34.	11.7	270
35	Hesitant fuzzy entropy and cross-entropy and their use in multiattribute decision-making. International Journal of Intelligent Systems, 2012, 27, 799-822.	3.3	262
36	Entropy/cross entropy-based group decision making under intuitionistic fuzzy environment. Information Fusion, 2012, 13, 31-47.	11.7	259

#	ARTICLE	IF	CITATIONS
37	Some issues on intuitionistic fuzzy aggregation operators based on Archimedean t-conorm and t-norm. Knowledge-Based Systems, 2012, 31, 78-88.	4.0	248
38	Approaches to manage hesitant fuzzy linguistic information based on the cosine distance and similarity measures for HFLTSS and their application in qualitative decision making. Expert Systems With Applications, 2015, 42, 5328-5336.	4.4	246
39	A survey of preference relations. International Journal of General Systems, 2007, 36, 179-203.	1.2	242
40	Method for three-way decisions using ideal TOPSIS solutions at Pythagorean fuzzy information. Information Sciences, 2018, 435, 282-295.	4.0	240
41	A method based on distance measure for interval-valued intuitionistic fuzzy group decision making. Information Sciences, 2010, 180, 181-190.	4.0	226
42	Symmetric Pythagorean Fuzzy Weighted Geometric/Averaging Operators and Their Application in Multicriteria Decision-Making Problems. International Journal of Intelligent Systems, 2016, 31, 1198-1219.	3.3	221
43	Emergency decision making for natural disasters: An overview. International Journal of Disaster Risk Reduction, 2018, 27, 567-576.	1.8	221
44	On Compatibility of Interval Fuzzy Preference Relations. Fuzzy Optimization and Decision Making, 2004, 3, 217-225.	3.4	219
45	MULTIPLICATIVE CONSISTENCY OF HESITANT FUZZY PREFERENCE RELATION AND ITS APPLICATION IN GROUP DECISION MAKING. International Journal of Information Technology and Decision Making, 2014, 13, 47-76.	2.3	219
46	PROJECTION MODELS FOR INTUITIONISTIC FUZZY MULTIPLE ATTRIBUTE DECISION MAKING. International Journal of Information Technology and Decision Making, 2010, 09, 267-280.	2.3	216
47	Consensus building with a group of decision makers under the hesitant probabilistic fuzzy environment. Fuzzy Optimization and Decision Making, 2017, 16, 481-503.	3.4	209
48	The TODIM analysis approach based on novel measured functions under hesitant fuzzy environment. Knowledge-Based Systems, 2014, 61, 48-58.	4.0	203
49	The Properties of Continuous Pythagorean Fuzzy Information. International Journal of Intelligent Systems, 2016, 31, 401-424.	3.3	200
50	Hesitant fuzzy linguistic entropy and cross-entropy measures and alternative queuing method for multiple criteria decision making. Information Sciences, 2017, 388-389, 225-246.	4.0	200
51	An extended intuitionistic fuzzy TOPSIS method based on a new distance measure with an application to credit risk evaluation. Information Sciences, 2018, 428, 105-119.	4.0	200
52	Preference Relations Based on Intuitionistic Multiplicative Information. IEEE Transactions on Fuzzy Systems, 2013, 21, 113-133.	6.5	192
53	Towards felicitous decision making: An overview on challenges and trends of Big Data. Information Sciences, 2016, 367-368, 747-765.	4.0	190
54	Hesitant Fuzzy Linguistic Term Set and Its Application in Decision Making: A State-of-the-Art Survey. International Journal of Fuzzy Systems, 2018, 20, 2084-2110.	2.3	189

#	ARTICLE	IF	CITATIONS
55	Multi-attribute group decision-making under probabilistic uncertain linguistic environment. Journal of the Operational Research Society, 2018, 69, 157-170.	2.1	188
56	Consensus reaching process for large-scale group decision making with double hierarchy hesitant fuzzy linguistic preference relations. Knowledge-Based Systems, 2018, 157, 20-33.	4.0	186
57	A consensus process for group decision making with probabilistic linguistic preference relations. Information Sciences, 2017, 414, 260-275.	4.0	185
58	A Note on Linguistic Hybrid Arithmetic Averaging Operator in Multiple Attribute Group Decision Making with Linguistic Information. Group Decision and Negotiation, 2006, 15, 593-604.	2.0	183
59	Information fusion for intuitionistic fuzzy decision making: An overview. Information Fusion, 2016, 28, 10-23.	11.7	182
60	MULTIMOORA based MCDM model for site selection of car sharing station under picture fuzzy environment. Sustainable Cities and Society, 2020, 53, 101873.	5.1	175
61	Operations and integrations of probabilistic hesitant fuzzy information in decision making. Information Fusion, 2017, 38, 1-11.	11.7	172
62	Deriving a Ranking From Hesitant Fuzzy Preference Relations Under Group Decision Making. IEEE Transactions on Cybernetics, 2014, 44, 1328-1337.	6.2	167
63	A linear programming method for multiple criteria decision making with probabilistic linguistic information. Information Sciences, 2017, 415-416, 341-355.	4.0	167
64	Priorities of Intuitionistic Fuzzy Preference Relation Based on Multiplicative Consistency. IEEE Transactions on Fuzzy Systems, 2014, 22, 1669-1681.	6.5	166
65	On the syntax and semantics of virtual linguistic terms for information fusion in decision making. Information Fusion, 2017, 34, 43-48.	11.7	165
66	Information sciences 1968â€“2016: A retrospective analysis with text mining and bibliometric. Information Sciences, 2017, 418-419, 619-634.	4.0	163
67	Multiple criteria decision making based on Bonferroni means with hesitant fuzzy linguistic information. Soft Computing, 2017, 21, 6515-6529.	2.1	159
68	Novel correlation coefficients between hesitant fuzzy sets and their application in decision making. Knowledge-Based Systems, 2015, 82, 115-127.	4.0	152
69	Managing multi-granularity linguistic information in qualitative group decision making: an overview. Granular Computing, 2016, 1, 21-35.	4.4	152
70	A survey of decision-making methods with probabilistic linguistic information: bibliometrics, preliminaries, methodologies, applications and future directions. Fuzzy Optimization and Decision Making, 2020, 19, 81-134.	3.4	152
71	Multi-person multi-attribute decision making models under intuitionistic fuzzy environment. Fuzzy Optimization and Decision Making, 2007, 6, 221-236.	3.4	151
72	Probabilistic dual hesitant fuzzy set and its application in risk evaluation. Knowledge-Based Systems, 2017, 127, 16-28.	4.0	148

#	ARTICLE	IF	CITATIONS
73	A Deviation-Based Approach to Intuitionistic Fuzzy Multiple Attribute Group Decision Making. Group Decision and Negotiation, 2010, 19, 57-76.	2.0	146
74	Hesitant fuzzy ELECTRE II approach: A new way to handle multi-criteria decision making problems. Information Sciences, 2015, 292, 175-197.	4.0	146
75	On Geometric Aggregation over Interval-Valued Intuitionistic Fuzzy Information. , 2007, , .		143
76	Analytic hierarchy process-hesitant group decision making. European Journal of Operational Research, 2014, 239, 794-801.	3.5	143
77	ELECTRE II method to deal with probabilistic linguistic term sets and its application to edge computing. Nonlinear Dynamics, 2019, 96, 2125-2143.	2.7	143
78	A survey of approaches to decision making with intuitionistic fuzzy preference relations. Knowledge-Based Systems, 2015, 80, 131-142.	4.0	138
79	Evaluating IoT Platforms Using Integrated Probabilistic Linguistic MCDM Method. IEEE Internet of Things Journal, 2020, 7, 11195-11208.	5.5	137
80	Generalized intuitionistic fuzzy Bonferroni means. International Journal of Intelligent Systems, 2012, 27, 23-47.	3.3	134
81	Two new approaches based on ELECTRE II to solve the multiple criteria decision making problems with hesitant fuzzy linguistic term sets. Applied Soft Computing Journal, 2018, 63, 223-234.	4.1	130
82	Multi-criteria decision making with intuitionistic fuzzy PROMETHEE. Journal of Intelligent and Fuzzy Systems, 2014, 27, 1703-1717.	0.8	129
83	Pythagorean Fuzzy LINMAP Method Based on the Entropy Theory for Railway Project Investment Decision Making. International Journal of Intelligent Systems, 2018, 33, 93-125.	3.3	127
84	Score function based on concentration degree for probabilistic linguistic term sets: An application to TOPSIS and VIKOR. Information Sciences, 2021, 551, 270-290.	4.0	126
85	Probabilistic double hierarchy linguistic term set and its use in designing an improved VIKOR method: The application in smart healthcare. Journal of the Operational Research Society, 2021, 72, 2611-2630.	2.1	125
86	Recent advances in intuitionistic fuzzy information aggregation. Fuzzy Optimization and Decision Making, 2010, 9, 359-381.	3.4	124
87	Pythagorean fuzzy VIKOR approaches based on TODIM for evaluating internet banking website quality of Ghanaian banking industry. Applied Soft Computing Journal, 2019, 78, 583-594.	4.1	124
88	Pythagorean fuzzy MULTIMOORA method based on distance measure and score function: its application in multicriteria decision making process. Knowledge and Information Systems, 2020, 62, 4373-4406.	2.1	121
89	Analysis of Collaboration Evolution in AHP Research: 1982â€“2018. International Journal of Information Technology and Decision Making, 2021, 20, 7-36.	2.3	120
90	Hesitant Fuzzy Sets Theory. Studies in Fuzziness and Soft Computing, 2014, , .	0.6	118

#	ARTICLE	IF	CITATIONS
91	Projection Model for Fusing the Information of Pythagorean Fuzzy Multicriteria Group Decision Making Based on Geometric Bonferroni Mean. <i>International Journal of Intelligent Systems</i> , 2017, 32, 966-987.	3.3	117
92	Ordered weighted distance measure. <i>Journal of Systems Science and Systems Engineering</i> , 2008, 17, 432-445.	0.8	113
93	An Interactive Approach to Multiple Attribute Group Decision Making with Multigranular Uncertain Linguistic Information. <i>Group Decision and Negotiation</i> , 2009, 18, 119-145.	2.0	113
94	Framework of Group Decision Making With Intuitionistic Fuzzy Preference Information. <i>IEEE Transactions on Fuzzy Systems</i> , 2015, 23, 1211-1227.	6.5	112
95	An enhanced consensus reaching process in group decision making with intuitionistic fuzzy preference relations. <i>Information Sciences</i> , 2016, 329, 274-286.	4.0	110
96	Subtraction and division operations over hesitant fuzzy sets. <i>Journal of Intelligent and Fuzzy Systems</i> , 2014, 27, 65-72.	0.8	107
97	Fuzzy harmonic mean operators. <i>International Journal of Intelligent Systems</i> , 2009, 24, 152-172.	3.3	106
98	Consensus Model Handling Minority Opinions and Noncooperative Behaviors in Large-Scale Group Decision-Making Under Double Hierarchy Linguistic Preference Relations. <i>IEEE Transactions on Cybernetics</i> , 2021, 51, 283-296.	6.2	105
99	Multiple-Attribute Group Decision Making With Different Formats of Preference Information on Attributes. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2007, 37, 1500-1511.	5.5	104
100	Hesitant fuzzy linguistic term sets for linguistic decision making: Current developments, issues and challenges. <i>Information Fusion</i> , 2018, 43, 1-12.	11.7	104
101	Some consistency measures of extended hesitant fuzzy linguistic preference relations. <i>Information Sciences</i> , 2015, 297, 316-331.	4.0	102
102	Heterogeneous multiple criteria group decision making with incomplete weight information: A deviation modeling approach. <i>Information Fusion</i> , 2015, 25, 49-62.	11.7	98
103	Bibliometric analysis of fuzzy theory research in China: A 30-year perspective. <i>Knowledge-Based Systems</i> , 2018, 141, 188-199.	4.0	98
104	Expected consistency-based emergency decision making with incomplete probabilistic linguistic preference relations. <i>Knowledge-Based Systems</i> , 2019, 176, 15-28.	4.0	98
105	Hesitant fuzzy QUALIFLEX approach with a signed distance-based comparison method for multiple criteria decision analysis. <i>Expert Systems With Applications</i> , 2015, 42, 873-884.	4.4	97
106	Pythagorean fuzzy Bonferroni mean aggregation operator and its accelerative calculating algorithm with the multithreading. <i>International Journal of Intelligent Systems</i> , 2018, 33, 615-633.	3.3	94
107	Enhancing PROMETHEE method with intuitionistic fuzzy soft sets. <i>International Journal of Intelligent Systems</i> , 2020, 35, 1071-1104.	3.3	94
108	Intuitionistic Fuzzy Multiattribute Decision Making: An Interactive Method. <i>IEEE Transactions on Fuzzy Systems</i> , 2012, 20, 514-525.	6.5	92

#	ARTICLE	IF	CITATIONS
109	On generalized induced linguistic aggregation operators. <i>International Journal of General Systems</i> , 2006, 35, 17-28.	1.2	91
110	Algorithms for estimating missing elements of incomplete intuitionistic preference relations. <i>International Journal of Intelligent Systems</i> , 2011, 26, 787-813.	3.3	91
111	Multiple criteria decision making based on distance and similarity measures under double hierarchy hesitant fuzzy linguistic environment. <i>Computers and Industrial Engineering</i> , 2018, 126, 516-530.	3.4	90
112	On Method for Uncertain Multiple Attribute Decision Making Problems with Uncertain Multiplicative Preference Information on Alternatives. <i>Fuzzy Optimization and Decision Making</i> , 2005, 4, 131-139.	3.4	88
113	An Approach to Improving Consistency of Fuzzy Preference Matrix. <i>Fuzzy Optimization and Decision Making</i> , 2003, 2, 3-12.	3.4	86
114	Group consistency and group decision making under uncertain probabilistic hesitant fuzzy preference environment. <i>Information Sciences</i> , 2017, 414, 276-288.	4.0	85
115	An overview of interval-valued intuitionistic fuzzy information aggregations and applications. <i>Granular Computing</i> , 2017, 2, 13-39.	4.4	84
116	A Dynamic Weight Determination Approach Based on the Intuitionistic Fuzzy Bayesian Network and Its Application to Emergency Decision Making. <i>IEEE Transactions on Fuzzy Systems</i> , 2018, 26, 1893-1907.	6.5	83
117	A multi-criteria decision making procedure based on interval-valued intuitionistic fuzzy bonferroni means. <i>Journal of Systems Science and Systems Engineering</i> , 2011, 20, 217-228.	0.8	82
118	Incomplete interval-valued intuitionistic fuzzy preference relations. <i>International Journal of General Systems</i> , 2009, 38, 871-886.	1.2	81
119	Probabilistic linguistic vector-term set and its application in group decision making with multi-granular linguistic information. <i>Applied Soft Computing Journal</i> , 2016, 49, 801-816.	4.1	81
120	Some new similarity measures for intuitionistic fuzzy values and their application in group decision making. <i>Journal of Systems Science and Systems Engineering</i> , 2010, 19, 430-452.	0.8	79
121	Probability Calculation and Element Optimization of Probabilistic Hesitant Fuzzy Preference Relations Based on Expected Consistency. <i>IEEE Transactions on Fuzzy Systems</i> , 2018, 26, 1367-1378.	6.5	79
122	Some results for dual hesitant fuzzy sets. <i>Journal of Intelligent and Fuzzy Systems</i> , 2014, 26, 1657-1668.	0.8	78
123	A Procedure for Decision Making Based on Incomplete Fuzzy Preference Relation. <i>Fuzzy Optimization and Decision Making</i> , 2005, 4, 175-189.	3.4	76
124	Water security evaluation based on the TODIM method with probabilistic linguistic term sets. <i>Soft Computing</i> , 2019, 23, 6215-6230.	2.1	76
125	TODIM-based multi-criteria decision-making method with hesitant fuzzy linguistic term sets. <i>Artificial Intelligence Review</i> , 2020, 53, 3647-3671.	9.7	76
126	Some new hybrid weighted aggregation operators under hesitant fuzzy multi-criteria decision making environment. <i>Journal of Intelligent and Fuzzy Systems</i> , 2014, 26, 1601-1617.	0.8	75



#	ARTICLE	IF	CITATIONS
127	The ELECTRE I Multi-Criteria Decision-Making Method Based on Hesitant Fuzzy Sets. International Journal of Information Technology and Decision Making, 2015, 14, 621-657.	2.3	75
128	Intuitionistic Fuzzy Information Aggregation. , 2012, , .		74
129	Hesitant Fuzzy Thermodynamic Method for Emergency Decision Making Based on Prospect Theory. IEEE Transactions on Cybernetics, 2017, 47, 2531-2543.	6.2	74
130	A bibliometric analysis of Economic Research-Ekonomska IstraÅ¾ivanja (2007â€“2019). Economic Research-Ekonomska Istrazivanja, 2020, 33, 865-886.	2.6	74
131	PROBABILITY-HESITANT FUZZY SETS AND THE REPRESENTATION OF PREFERENCE RELATIONS. Technological and Economic Development of Economy, 2018, 24, 1029-1040.	2.3	74
132	AN APPROACH TO GROUP DECISION MAKING BASED ON INCOMPLETE LINGUISTIC PREFERENCE RELATIONS. International Journal of Information Technology and Decision Making, 2005, 04, 153-160.	2.3	73
133	A netting clustering analysis method under intuitionistic fuzzy environment. Applied Soft Computing Journal, 2011, 11, 5558-5564.	4.1	72
134	Measures of Probabilistic Interval-Valued Intuitionistic Hesitant Fuzzy Sets and the Application in Reducing Excessive Medical Examinations. IEEE Transactions on Fuzzy Systems, 2018, 26, 1651-1670.	6.5	71
135	An emergency decision making method based on the multiplicative consistency of probabilistic linguistic preference relations. International Journal of Machine Learning and Cybernetics, 2019, 10, 1613-1629.	2.3	71
136	Hesitant fuzzy agglomerative hierarchical clustering algorithms. International Journal of Systems Science, 2015, 46, 562-576.	3.7	70
137	MOORA under Pythagorean Fuzzy Set for Multiple Criteria Decision Making. Complexity, 2018, 2018, 1-10.	0.9	70
138	A comprehensive bibliometric analysis of entrepreneurship and crisis literature published from 1984 to 2020. Journal of Business Research, 2021, 135, 304-318.	5.8	67
139	Intuitionistic multiplicative analytic hierarchy process in group decision making. Computers and Industrial Engineering, 2016, 101, 513-524.	3.4	66
140	The Structure and Citation Landscape of IEEE Transactions on Fuzzy Systems (1994â€“2015). IEEE Transactions on Fuzzy Systems, 2018, 26, 430-442.	6.5	66
141	Group decision making with double hierarchy hesitant fuzzy linguistic preference relations: Consistency based measures, index and repairing algorithms and decision model. Information Sciences, 2019, 489, 93-112.	4.0	66
142	Multi-attribute decision making methods based on reference ideal theory with probabilistic hesitant information. Expert Systems With Applications, 2019, 118, 459-469.	4.4	66
143	Bibliometric analysis of support vector machines research trend: a case study in China. International Journal of Machine Learning and Cybernetics, 2020, 11, 715-728.	2.3	66
144	Intuitionistic Fuzzy Hybrid Weighted Aggregation Operators. International Journal of Intelligent Systems, 2014, 29, 971-993.	3.3	65

#	ARTICLE	IF	CITATIONS
145	Extended hesitant fuzzy hybrid weighted aggregation operators and their application in decision making. <i>Soft Computing</i> , 2015, 19, 2551-2564.	2.1	65
146	A C-OWA operator-based approach to decision making with interval fuzzy preference relation. <i>International Journal of Intelligent Systems</i> , 2006, 21, 1289-1298.	3.3	64
147	A comprehensive bibliometric analysis of uncertain group decision making from 1980 to 2019. <i>Information Sciences</i> , 2021, 547, 328-353.	4.0	64
148	REGRESSION METHODS FOR HESITANT FUZZY PREFERENCE RELATIONS. <i>Technological and Economic Development of Economy</i> , 2014, 19, S214-S227.	2.3	63
149	Hesitant analytic hierarchy process. <i>European Journal of Operational Research</i> , 2016, 250, 602-614.	3.5	63
150	A Dynamic Reference Point Method for Emergency Response Under Hesitant Probabilistic Fuzzy Environment. <i>International Journal of Fuzzy Systems</i> , 2017, 19, 1261-1278.	2.3	63
151	Continuities, Derivatives, and Differentials of $sq$ -Rung Orthopair Fuzzy Functions. <i>IEEE Transactions on Fuzzy Systems</i> , 2019, 27, 1687-1699.	6.5	63
152	Hesitancy degree-based correlation measures for hesitant fuzzy linguistic term sets and their applications in multiple criteria decision making. <i>Information Sciences</i> , 2020, 508, 275-292.	4.0	63
153	An interactive approach to probabilistic hesitant fuzzy multi-attribute group decision making with incomplete weight information. <i>Journal of Intelligent and Fuzzy Systems</i> , 2017, 32, 2523-2536.	0.8	62
154	Entropy Measures of Probabilistic Linguistic Term Sets. <i>International Journal of Computational Intelligence Systems</i> , 2018, 11, 45.	1.6	62
155	Multiplicative consistency of interval-valued intuitionistic fuzzy preference relation. <i>Journal of Intelligent and Fuzzy Systems</i> , 2014, 27, 2969-2985.	0.8	61
156	Distance and similarity measures for dual hesitant fuzzy sets and their applications in pattern recognition. <i>Journal of Intelligent and Fuzzy Systems</i> , 2015, 29, 731-745.	0.8	61
157	Derivative and Differential Operations of Intuitionistic Fuzzy Numbers. <i>International Journal of Intelligent Systems</i> , 2015, 30, 468-498.	3.3	61
158	Severity assessment of chronic obstructive pulmonary disease based on hesitant fuzzy linguistic COPRAS method. <i>Applied Soft Computing Journal</i> , 2018, 69, 60-71.	4.1	61
159	Satisfaction Degree Based Interactive Decision Making under Hesitant Fuzzy Environment with Incomplete Weights. <i>International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems</i> , 2014, 22, 553-572.	0.9	60
160	The Multiplicative Consistency Index of Hesitant Fuzzy Preference Relation. <i>IEEE Transactions on Fuzzy Systems</i> , 2016, 24, 82-93.	6.5	59
161	Intuitionistic Fuzzy Analytic Network Process. <i>IEEE Transactions on Fuzzy Systems</i> , 2018, 26, 2578-2590.	6.5	59
162	Multiattribute Group Decision-Making Based on Linguistic Pythagorean Fuzzy Interaction Partitioned Bonferroni Mean Aggregation Operators. <i>Complexity</i> , 2018, 2018, 1-24.	0.9	59

#	ARTICLE	IF	CITATIONS
163	Clustering algorithms based on correlation coefficients for probabilistic linguistic term sets. <i>International Journal of Intelligent Systems</i> , 2018, 33, 2402-2424.	3.3	59
164	Modeling complex linguistic expressions in qualitative decision making: An overview. <i>Knowledge-Based Systems</i> , 2018, 144, 174-187.	4.0	58
165	Assessment of traffic congestion with ORESTE method under double hierarchy hesitant fuzzy linguistic environment. <i>Applied Soft Computing Journal</i> , 2020, 86, 105864.	4.1	58
166	An interactive procedure for linguistic multiple attribute decision making with incomplete weight information. <i>Fuzzy Optimization and Decision Making</i> , 2007, 6, 17-27.	3.4	57
167	Regret Theory-Based Three-Way Decision Model in Hesitant Fuzzy Environments and Its Application to Medical Decision. <i>IEEE Transactions on Fuzzy Systems</i> , 2022, 30, 5361-5375.	6.5	57
168	Intuitionistic fuzzy MST clustering algorithms. <i>Computers and Industrial Engineering</i> , 2012, 62, 1130-1140.	3.4	56
169	Green Logistic Provider Selection with a Hesitant Fuzzy Linguistic Thermodynamic Method Integrating Cumulative Prospect Theory and PROMETHEE. <i>Sustainability</i> , 2018, 10, 1291.	1.6	56
170	Free Double Hierarchy Hesitant Fuzzy Linguistic Term Sets: An application on ranking alternatives in GDM. <i>Information Fusion</i> , 2019, 47, 45-59.	11.7	55
171	TOPSIS Method Based on Correlation Coefficient and Entropy Measure for Linguistic Pythagorean Fuzzy Sets and Its Application to Multiple Attribute Decision Making. <i>Complexity</i> , 2019, 2019, 1-16.	0.9	54
172	Bibliometric analysis on the evolution of applied intelligence. <i>Applied Intelligence</i> , 2019, 49, 449-462.	3.3	54
173	PROJECTION METHOD FOR UNCERTAIN MULTI-ATTRIBUTE DECISION MAKING WITH PREFERENCE INFORMATION ON ALTERNATIVES. <i>International Journal of Information Technology and Decision Making</i> , 2004, 03, 429-434.	2.3	53
174	INDUCED AGGREGATION UNDER CONFIDENCE LEVELS. <i>International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems</i> , 2011, 19, 201-227.	0.9	52
175	New operational laws and aggregation method of intuitionistic fuzzy information. <i>Journal of Intelligent and Fuzzy Systems</i> , 2015, 30, 129-141.	0.8	52
176	Intuitionistic fuzzy two-sided matching model and its application to personnel-position matching problems. <i>Journal of the Operational Research Society</i> , 2020, 71, 312-321.	2.1	51
177	A Practical Procedure for Group Decision Making under Incomplete Multiplicative Linguistic Preference Relations. <i>Group Decision and Negotiation</i> , 2006, 15, 581-591.	2.0	50
178	Multi-period multi-attribute group decision-making under linguistic assessments. <i>International Journal of General Systems</i> , 2009, 38, 823-850.	1.2	50
179	APPROACHES TO MULTI-STAGE MULTI-ATTRIBUTE GROUP DECISION MAKING. <i>International Journal of Information Technology and Decision Making</i> , 2011, 10, 121-146.	2.3	50
180	Distance and Aggregation-Based Methodologies for Hesitant Fuzzy Decision Making. <i>Cognitive Computation</i> , 2017, 9, 81-94.	3.6	50

#	ARTICLE	IF	CITATIONS
181	An ordinal consistency-based group decision making process with probabilistic linguistic preference relation. <i>Information Sciences</i> , 2018, 467, 179-198.	4.0	50
182	Probabilistic linguistic information fusion: A survey on aggregation operators in terms of principles, definitions, classifications, applications, and challenges. <i>International Journal of Intelligent Systems</i> , 2020, 35, 529-556.	3.3	50
183	Integrations of q-Rung Orthopair Fuzzy Continuous Information. <i>IEEE Transactions on Fuzzy Systems</i> , 2019, 27, 1974-1985.	6.5	49
184	Decision making with probabilistic hesitant fuzzy information based on multiplicative consistency. <i>International Journal of Intelligent Systems</i> , 2020, 35, 1233-1261.	3.3	49
185	Group decision-making procedure based on incomplete reciprocal relations. <i>Soft Computing</i> , 2008, 12, 515-521.	2.1	48
186	Feature extraction by PCA and diagnosis of breast tumors using SVM with DE-based parameter tuning. <i>International Journal of Machine Learning and Cybernetics</i> , 2019, 10, 591-601.	2.3	48
187	ELECTRE II method based on the cosine similarity to evaluate the performance of financial logistics enterprises under double hierarchy hesitant fuzzy linguistic environment. <i>Fuzzy Optimization and Decision Making</i> , 2023, 22, 23-49.	3.4	48
188	AN APPROACH TO PURE LINGUISTIC MULTIPLE ATTRIBUTE DECISION MAKING UNDER UNCERTAINTY. <i>International Journal of Information Technology and Decision Making</i> , 2005, 04, 197-206.	2.3	47
189	Generalized analytic network process. <i>European Journal of Operational Research</i> , 2015, 244, 277-288.	3.5	47
190	Fundamental properties of intuitionistic fuzzy calculus. <i>Knowledge-Based Systems</i> , 2015, 76, 1-16.	4.0	47
191	An overview on the applications of the hesitant fuzzy sets in group decision-making: Theory, support and methods. <i>Frontiers of Engineering Management</i> , 2019, 6, 163-182.	3.3	47
192	Insights into financial technology (FinTech): a bibliometric and visual study. <i>Financial Innovation</i> , 2021, 7, 69.	3.6	47
193	A thermodynamic method of intuitionistic fuzzy MCDM to assist the hierarchical medical system in China. <i>Information Sciences</i> , 2017, 420, 490-504.	4.0	46
194	A Direct Approach to Group Decision Making with Uncertain Additive Linguistic Preference Relations. <i>Fuzzy Optimization and Decision Making</i> , 2006, 5, 21-32.	3.4	45
195	Green Supplier Selection Based on Green Practices Evaluated Using Fuzzy Approaches of TOPSIS and ELECTRE with a Case Study in a Chinese Internet Company. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3268.	1.2	45
196	Managing noncooperative behaviors in large-scale group decision-making with linguistic preference orderings: The application in Internet Venture Capital. <i>Information Fusion</i> , 2021, 69, 142-155.	11.7	45
197	An Extended TODIM Based on Cumulative Prospect Theory and Its Application in Venture Capital. <i>Informatica</i> , 2019, 30, 413-429.	1.5	44
198	Hesitant Fuzzy Linguistic Preference Utility Set and Its Application in Selection of Fire Rescue Plans. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 664.	1.2	43

#	ARTICLE	IF	CITATIONS
199	Uncertain Probabilistic Linguistic Term Sets in Group Decision Making. <i>International Journal of Fuzzy Systems</i> , 2019, 21, 1241-1258.	2.3	43
200	Fuzzy ordered distance measures. <i>Fuzzy Optimization and Decision Making</i> , 2012, 11, 73-97.	3.4	42
201	Interval-valued intuitionistic multiplicative aggregation in group decision making. <i>Granular Computing</i> , 2017, 2, 387-407.	4.4	42
202	Linguistic terms with weakened hedges: A model for qualitative decision making under uncertainty. <i>Information Sciences</i> , 2018, 433-434, 37-54.	4.0	42
203	Uncertain Power Average Operators for Aggregating Interval Fuzzy Preference Relations. <i>Group Decision and Negotiation</i> , 2012, 21, 381-397.	2.0	41
204	Group Decision Making with Dual Hesitant Fuzzy Preference Relations. <i>Cognitive Computation</i> , 2016, 8, 1119-1143.	3.6	41
205	A spectral clustering algorithm based on intuitionistic fuzzy information. <i>Knowledge-Based Systems</i> , 2013, 53, 20-26.	4.0	40
206	Exponential operations for intuitionistic fuzzy numbers and interval numbers in multi-attribute decision making. <i>Fuzzy Optimization and Decision Making</i> , 2017, 16, 183-204.	3.4	40
207	Sequential funding the venture project or not? A prospect consensus process with probabilistic hesitant fuzzy preference information. <i>Knowledge-Based Systems</i> , 2018, 161, 172-184.	4.0	40
208	An overview of probabilistic-based expressions for qualitative decision-making: techniques, comparisons and developments. <i>International Journal of Machine Learning and Cybernetics</i> , 2019, 10, 1513-1528.	2.3	39
209	A bibliometric analysis on deep learning during 2007â€“2019. <i>International Journal of Machine Learning and Cybernetics</i> , 2020, 11, 2807-2826.	2.3	39
210	Compatibility Analysis of Intuitionistic Fuzzy Preference Relations in Group Decision Making. <i>Group Decision and Negotiation</i> , 2013, 22, 463-482.	2.0	38
211	Some Algorithms for Group Decision Making with Intuitionistic Fuzzy Preference Information. <i>International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems</i> , 2014, 22, 505-529.	0.9	38
212	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.	2.3	38
213	An overview of ARAS method: Theory development, application extension, and future challenge. <i>International Journal of Intelligent Systems</i> , 2021, 36, 3524-3565.	3.3	38
214	The research on COVID-19 and economy from 2019 to 2020: analysis from the perspective of bibliometrics. <i>Oeconomia Copernicana</i> , 2021, 12, 217-268.	2.4	38
215	EVALUATE PUBLIC-PRIVATE-PARTNERSHIPâ€™S ADVANCEMENT USING DOUBLE HIERARCHY HESITANT FUZZY LINGUISTIC PROMETHEE WITH SUBJECTIVE AND OBJECTIVE INFORMATION FROM STAKEHOLDER PERSPECTIVE. <i>Technological and Economic Development of Economy</i> , 2019, 25, 386-420.	2.3	38
216	The Strategy Selection Problem on Artificial Intelligence With an Integrated VIKOR and AHP Method Under Probabilistic Dual Hesitant Fuzzy Information. <i>IEEE Access</i> , 2019, 7, 103979-103999.	2.6	37

#	ARTICLE	IF	CITATIONS
217	Group Decision Making with Incomplete Interval-Valued Intuitionistic Preference Relations. <i>Group Decision and Negotiation</i> , 2015, 24, 193-215.	2.0	36
218	Interval-valued Pythagorean fuzzy extended Bonferroni mean for dealing with heterogenous relationship among attributes. <i>International Journal of Intelligent Systems</i> , 2018, 33, 1381-1411.	3.3	36
219	The interval-valued hesitant Pythagorean fuzzy set and its applications with extended TOPSIS and Choquet integral-based method. <i>International Journal of Intelligent Systems</i> , 2019, 34, 1063-1085.	3.3	36
220	Risk interval-valued three-way decisions model with regret theory and its application to project resource allocation. <i>Journal of the Operational Research Society</i> , 2021, 72, 180-199.	2.1	36
221	Nature Disaster Risk Evaluation with a Group Decision Making Method Based on Incomplete Hesitant Fuzzy Linguistic Preference Relations. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 751.	1.2	35
222	Bonferroni means with induced ordered weighted average operators. <i>International Journal of Intelligent Systems</i> , 2019, 34, 3-23.	3.3	35
223	Efficiency evaluation of sustainable water management using the HF- $\epsilon$ -TODIM method. <i>International Transactions in Operational Research</i> , 2019, 26, 747-764.	1.8	35
224	Regret-Theoretic Multiattribute Decision-Making Model Using Three-Way Framework in Multiscale Information Systems. <i>IEEE Transactions on Cybernetics</i> , 2023, 53, 3988-4001.	6.2	35
225	An approach to hesitant fuzzy multi-stage multi-criterion decision making. <i>Kybernetes</i> , 2014, 43, 1447-1468.	1.2	34
226	Interval-Valued Intuitionistic Fuzzy Derivative and Differential Operations. <i>International Journal of Computational Intelligence Systems</i> , 2016, 9, 36.	1.6	34
227	A New Aggregation Method-Based Error Analysis for Decision-Theoretic Rough Sets and Its Application in Hesitant Fuzzy Information Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2017, 25, 1685-1697.	6.5	34
228	Minimizing Group Discordance Optimization Model for Deriving Expert Weights. <i>Group Decision and Negotiation</i> , 2012, 21, 863-875.	2.0	33
229	An ordered clustering algorithm based on K-means and the PROMETHEE method. <i>International Journal of Machine Learning and Cybernetics</i> , 2018, 9, 917-926.	2.3	33
230	Pythagorean Fuzzy Partitioned Geometric Bonferroni Mean and Its Application to Multi-criteria Group Decision Making with Grey Relational Analysis. <i>International Journal of Fuzzy Systems</i> , 2019, 21, 115-128.	2.3	33
231	Deriving experts' weights based on consistency maximization in intuitionistic fuzzy group decision making. <i>Journal of Intelligent and Fuzzy Systems</i> , 2014, 27, 221-233.	0.8	32
232	Stackelberg game models between two competitive retailers in fuzzy decision environment. <i>Fuzzy Optimization and Decision Making</i> , 2014, 13, 33-48.	3.4	32
233	Uncertainty Measures for Hesitant Fuzzy Information. <i>International Journal of Intelligent Systems</i> , 2015, 30, 818-836.	3.3	32
234	The linear assignment method for multicriteria group decision making based on interval-valued Pythagorean fuzzy Bonferroni mean. <i>International Journal of Intelligent Systems</i> , 2018, 33, 2101-2138.	3.3	32



#	ARTICLE	IF	CITATIONS
235	A bibliometric analysis of Fuzzy Optimization and Decision Making (2002â€“2017). <i>Fuzzy Optimization and Decision Making</i> , 2019, 18, 371-397.	3.4	32
236	An Overview of the Fuzzy Data Envelopment Analysis Research and Its Successful Applications. <i>International Journal of Fuzzy Systems</i> , 2020, 22, 1037-1055.	2.3	32
237	Group decision making with hesitant fuzzy linguistic preference relations based on modified extent measurement. <i>Expert Systems With Applications</i> , 2021, 171, 114235.	4.4	32
238	Probabilistic Linguistic Analytic Hierarchy Process and Its Application on the Performance Assessment of Xiongan New Area. <i>International Journal of Information Technology and Decision Making</i> , 2018, 17, 1693-1724.	2.3	31
239	Probabilistic Linguistic Distance Measures and Their Applications in Multi-criteria Group Decision Making. <i>Studies in Fuzziness and Soft Computing</i> , 2018, , 411-440.	0.6	31
240	A new multi-criteria decision model based on incomplete dual probabilistic linguistic preference relations. <i>Applied Soft Computing Journal</i> , 2020, 91, 106237.	4.1	31
241	Managing consensus reaching process with self-confident double hierarchy linguistic preference relations in group decision making. <i>Fuzzy Optimization and Decision Making</i> , 2021, 20, 51-79.	3.4	31
242	The DEMATELâ€“COPRAS hybrid method under probabilistic linguistic environment and its application in Third Party Logistics provider selection. <i>Fuzzy Optimization and Decision Making</i> , 2022, 21, 137-156.	3.4	31
243	Service networks for sustainable business: A dynamic evolution analysis over half a century. <i>Journal of Business Research</i> , 2021, 136, 543-557.	5.8	31
244	A three-way decision method with prospect theory to multi-attribute decision-making and its applications under hesitant fuzzy environments. <i>Applied Soft Computing Journal</i> , 2022, 126, 109283.	4.1	31
245	An integrated model-based interactive approach to FMAGDM with incomplete preference information. <i>Fuzzy Optimization and Decision Making</i> , 2010, 9, 333-357.	3.4	30
246	Novel hesitant fuzzy linguistic entropy and cross-entropy measures in multiple criteria decision making. <i>Applied Intelligence</i> , 2018, 48, 3915-3927.	3.3	30
247	New Correlation Coefficients Between Probabilistic Hesitant Fuzzy Sets and Their Applications in Cluster Analysis. <i>International Journal of Fuzzy Systems</i> , 2019, 21, 355-368.	2.3	30
248	Consensus model based on probability K-means clustering algorithm for large scale group decision making. <i>International Journal of Machine Learning and Cybernetics</i> , 2021, 12, 1609-1626.	2.3	30
249	MANAGING CONSENSUS BY MULTI-STAGE OPTIMIZATION MODELS WITH LINGUISTIC PREFERENCE ORDERINGS AND DOUBLE HIERARCHY LINGUISTIC PREFERENCES. <i>Technological and Economic Development of Economy</i> , 2020, 26, 642-674.	2.3	30
250	Three-way group consensus decision based on hierarchical social network consisting of decision makers and participants. <i>Information Sciences</i> , 2022, 585, 289-312.	4.0	30
251	Hesitant fuzzy linguistic prioritized superiority and inferiority ranking method and its application in sustainable energy technology evaluation. <i>Information Sciences</i> , 2019, 478, 239-257.	4.0	29
252	A comprehensive bibliometric analysis of financial innovation. <i>Economic Research-Ekonomska Istrazivanja</i> , 2022, 35, 367-390.	2.6	29

#	ARTICLE	IF	CITATIONS
253	Ranking Tourist Attractions through Online Reviews: A Novel Method with Intuitionistic and Hesitant Fuzzy Information Based on Sentiment Analysis. <i>International Journal of Fuzzy Systems</i> , 2022, 24, 755-777.	2.3	29
254	The risk assessment of construction project investment based on prospect theory with linguistic preference orderings. <i>Economic Research-Ekonomska Istrazivanja</i> , 2021, 34, 709-731.	2.6	29
255	THE EVOLUTION OF "TECHNOLOGICAL AND ECONOMIC DEVELOPMENT OF ECONOMY": A BIBLIOMETRIC ANALYSIS. <i>Technological and Economic Development of Economy</i> , 2019, 25, 369-385.	2.3	29
256	A multiple attribute group decision making framework for the evaluation of lean practices at logistics distribution centers. <i>Annals of Operations Research</i> , 2016, 247, 735-757.	2.6	28
257	Nested probabilistic-numerical linguistic term sets in two-stage multi-attribute group decision making. <i>Applied Intelligence</i> , 2019, 49, 2582-2602.	3.3	28
258	Entropy Measures for Probabilistic Hesitant Fuzzy Information. <i>IEEE Access</i> , 2019, 7, 65714-65727.	2.6	28
259	The Fusion of Deep Learning and Fuzzy Systems: A State-of-the-Art Survey. <i>IEEE Transactions on Fuzzy Systems</i> , 2022, 30, 2783-2799.	6.5	28
260	Foreign direct investment and economic growth: a dynamic study of measurement approaches and results. <i>Economic Research-Ekonomska Istrazivanja</i> , 2022, 35, 1011-1034.	2.6	28
261	SOME ISSUES ON MULTIPLICATIVE CONSISTENCY OF INTERVAL RECIPROCAL RELATIONS. <i>International Journal of Information Technology and Decision Making</i> , 2011, 10, 1043-1065.	2.3	27
262	Definite Integrals of Atanassov's Intuitionistic Fuzzy Information. <i>IEEE Transactions on Fuzzy Systems</i> , 2015, 23, 1519-1533.	6.5	27
263	Dual hesitant fuzzy information aggregation with Einstein t-conorm and t-norm. <i>Journal of Systems Science and Systems Engineering</i> , 2017, 26, 240-264.	0.8	27
264	Elliptical distribution-based weight-determining method for ordered weighted averaging operators. <i>International Journal of Intelligent Systems</i> , 2019, 34, 858-877.	3.3	27
265	The Medical Treatment Service Matching Based on the Probabilistic Linguistic Term Sets with Unknown Attribute Weights. <i>International Journal of Fuzzy Systems</i> , 2020, 22, 1487-1505.	2.3	27
266	Hesitant Fuzzy Sets: An Emerging Tool in Decision Making. <i>International Journal of Intelligent Systems</i> , 2014, 29, 493-494.	3.3	26
267	Exponential operations of interval-valued intuitionistic fuzzy numbers. <i>International Journal of Machine Learning and Cybernetics</i> , 2016, 7, 501-518.	2.3	26
268	A Novel Comparison of Probabilistic Hesitant Fuzzy Elements in Multi-Criteria Decision Making. <i>Symmetry</i> , 2018, 10, 177.	1.1	26
269	An Interval-Valued Best-Worst Method with Normal Distribution for Multi-criteria Decision-Making. <i>Arabian Journal for Science and Engineering</i> , 2021, 46, 1771-1785.	1.7	26
270	Uncertain Bonferroni Mean Operators. <i>International Journal of Computational Intelligence Systems</i> , 2010, 3, 761-769.	1.6	25



#	ARTICLE	IF	CITATIONS
271	Properties of interval-valued hesitant fuzzy sets. <i>Journal of Intelligent and Fuzzy Systems</i> , 2014, 27, 143-158.	0.8	25
272	Hesitant fuzzy multi-attribute decision-making based on the minimum deviation method. <i>Soft Computing</i> , 2017, 21, 3439-3459.	2.1	25
273	A Bibliometrics analysis on big data research (2009–2018). <i>Journal of Data Information and Management</i> , 2019, 1, 3-15.	1.6	25
274	Tracking a Maneuvering Target by Multiple Sensors Using Extended Kalman Filter With Nested Probabilistic-Numerical Linguistic Information. <i>IEEE Transactions on Fuzzy Systems</i> , 2020, 28, 346-360.	6.5	25
275	A Decision-Making Model Under Probabilistic Linguistic Circumstances with Unknown Criteria Weights for Online Customer Reviews. <i>International Journal of Fuzzy Systems</i> , 2020, 22, 777-789.	2.3	25
276	Interval Consistency Repairing Method for Double Hierarchy Hesitant Fuzzy Linguistic Preference Relation and Application in the Diagnosis of Lung Cancer. <i>Economic Research-Ekonomska Istrazivanja</i> , 2021, 34, 1-20.	2.6	25
277	A decision-making framework based on prospect theory with probabilistic linguistic term sets. <i>Journal of the Operational Research Society</i> , 2021, 72, 879-888.	2.1	25
278	Probabilistic hesitant fuzzy TOPSIS emergency decision-making method based on the cumulative prospect theory. <i>Journal of Intelligent and Fuzzy Systems</i> , 2021, 40, 4367-4383.	0.8	25
279	The Criterion-Oriented Three-Way Ranking and Clustering Strategies in Fuzzy Decision Environments. <i>IEEE Transactions on Fuzzy Systems</i> , 2022, 30, 3841-3856.	6.5	24
280	Hesitant Trapezoidal Fuzzy QUALIFLEX Method and Its Application in the Evaluation of Green Supply Chain Initiatives. <i>Sustainability</i> , 2016, 8, 952.	1.6	23
281	Consistency Measures of Linguistic Preference Relations With Hedges. <i>IEEE Transactions on Fuzzy Systems</i> , 2019, 27, 372-386.	6.5	23
282	Interval-valued probabilistic hesitant fuzzy set and its application in the Arctic geopolitical risk evaluation. <i>International Journal of Intelligent Systems</i> , 2019, 34, 627-651.	3.3	23
283	A projection method for multiple attribute group decision making with probabilistic linguistic term sets. <i>International Journal of Machine Learning and Cybernetics</i> , 2019, 10, 2515-2528.	2.3	23
284	Group decision making with compatibility measures of hesitant fuzzy linguistic preference relations. <i>Soft Computing</i> , 2019, 23, 1511-1527.	2.1	23
285	Additive Integrals of $\lambda$ -Rung Orthopair Fuzzy Functions. <i>IEEE Transactions on Cybernetics</i> , 2020, 50, 4406-4419.	6.2	23
286	$\lambda$ -Rung Orthopair Fuzzy Integrals in the Frame of Continuous Archimedean T-Norms and T-Conorms and Their Application. <i>IEEE Transactions on Fuzzy Systems</i> , 2021, 29, 996-1007.	6.5	23
287	Double hierarchy linguistic term set and its extensions: The state-of-the-art survey. <i>International Journal of Intelligent Systems</i> , 2021, 36, 832-865.	3.3	23
288	CONSENSUS BASED ON MULTIPLICATIVE CONSISTENT DOUBLE HIERARCHY LINGUISTIC PREFERENCES: VENTURE CAPITAL IN REAL ESTATE MARKET. <i>International Journal of Strategic Property Management</i> , 2019, 24, 1-23.	0.8	23

#	ARTICLE	IF	CITATIONS
289	Automatic procedures for group decision making with intuitionistic fuzzy preference relations. <i>Journal of Intelligent and Fuzzy Systems</i> , 2014, 27, 2341-2353.	0.8	22
290	Relationships Between Two Types of Intuitionistic Fuzzy Definite Integrals. <i>IEEE Transactions on Fuzzy Systems</i> , 2016, 24, 1410-1425.	6.5	22
291	Extended Intuitionistic Fuzzy Sets Based on the Hesitant Fuzzy Membership and their Application in Decision Making with Risk Preference. <i>International Journal of Intelligent Systems</i> , 2018, 33, 417-443.	3.3	22
292	Therapeutic Schedule Evaluation for Brain-Metastasized Non-Small Cell Lung Cancer with A Probabilistic Linguistic ELECTRE II Method. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1799.	1.2	22
293	Inclusion measures of probabilistic linguistic term sets and their application in classifying cities in the Economic Zone of Chengdu Plain. <i>Applied Soft Computing Journal</i> , 2019, 82, 105572.	4.1	22
294	Aggregation of dual hesitant fuzzy heterogenous related information with extended Bonferroni mean and its application to MULTIMOORA. <i>Computers and Industrial Engineering</i> , 2019, 135, 156-176.	3.4	22
295	Exploiting the priority weights from interval linguistic fuzzy preference relations. <i>Soft Computing</i> , 2019, 23, 583-597.	2.1	22
296	Asymmetric Fuzzy Preference Relations Based on the Generalized Sigmoid Scale and Their Application in Decision Making Involving Risk Appetites. <i>IEEE Transactions on Fuzzy Systems</i> , 2016, 24, 741-756.	6.5	21
297	Additive Intuitionistic Fuzzy Aggregation Operators Based on Fuzzy Measure. <i>International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems</i> , 2016, 24, 1-12.	0.9	21
298	Hesitant fuzzy programming technique for multidimensional analysis of hesitant fuzzy preferences. <i>OR Spectrum</i> , 2016, 38, 789-817.	2.1	21
299	Kernel C-Means Clustering Algorithms for Hesitant Fuzzy Information in Decision Making. <i>International Journal of Fuzzy Systems</i> , 2018, 20, 141-154.	2.3	21
300	Differential calculus of interval-valued $\alpha$ -rung orthopair fuzzy functions and their applications. <i>International Journal of Intelligent Systems</i> , 2019, 34, 3190-3219.	3.3	21
301	Partitioned fuzzy measure-based linear assignment method for Pythagorean fuzzy multi-criteria decision-making with a new likelihood. <i>Journal of the Operational Research Society</i> , 2020, 71, 831-845.	2.1	21
302	Multiplicative consistency analysis for $\alpha$ -rung orthopair fuzzy preference relation. <i>International Journal of Intelligent Systems</i> , 2020, 35, 38-71.	3.3	21
303	A novel process to determine consensus thresholds and its application in probabilistic linguistic group decision-making. <i>Expert Systems With Applications</i> , 2021, 168, 114315.	4.4	21
304	The impact of poverty cycles on economic research: evidence from econometric analysis. <i>Economic Research-Ekonomska Istrazivanja</i> , 2021, 34, 152-171.	2.6	21
305	50 Years of international journal of systems science: a review of the past and trends for the future. <i>International Journal of Systems Science</i> , 2021, 52, 1515-1538.	3.7	21
306	Intuitionistic fuzzy integrals based on Archimedean t-conorms and t-norms. <i>Information Sciences</i> , 2016, 327, 57-70.	4.0	20

#	ARTICLE	IF	CITATIONS
307	Group Decision Making With Probabilistic Hesitant Multiplicative Preference Relations Based on Consistency and Consensus. IEEE Access, 2018, 6, 63329-63344.	2.6	20
308	Hesitant Fuzzy Linguistic Consensus Model Based on Trust-Recommendation Mechanism for Hospital Expert Consultation. IEEE Transactions on Fuzzy Systems, 2019, 27, 2227-2241.	6.5	20
309	Pythagorean fuzzy C-means algorithm for image segmentation. International Journal of Intelligent Systems, 2021, 36, 1223-1243.	3.3	20
310	Three-way decisions based on some Hamacher aggregation operators under double hierarchy linguistic environment. International Journal of Intelligent Systems, 2021, 36, 7731-7753.	3.3	20
311	A look at the focus shift in innovation literature due to Covid-19 pandemic. Journal of Business Research, 2022, 145, 1-20.	5.8	20
312	Interval-Valued Intuitionistic Multiplicative Sets. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2014, 22, 385-406.	0.9	19
313	Chain and Substitution Rules of Intuitionistic Fuzzy Calculus. IEEE Transactions on Fuzzy Systems, 2016, 24, 519-529.	6.5	19
314	Extreme intuitionistic fuzzy weighted aggregation operators and their applications in optimism and pessimism decision-making processes. Journal of Intelligent and Fuzzy Systems, 2017, 32, 1129-1138.	0.8	19
315	Partial Derivative and Complete Differential of Binary Intuitionistic Fuzzy Functions. International Journal of Fuzzy Systems, 2017, 19, 273-284.	2.3	19
316	A consensus reaching model for hesitant information with different preference structures. Knowledge-Based Systems, 2017, 135, 99-112.	4.0	19
317	Group Decision-Making Model With Hesitant Multiplicative Preference Relations Based on Regression Method and Feedback Mechanism. IEEE Access, 2018, 6, 61130-61150.	2.6	19
318	A bibliometric overview of International Journal of Machine Learning and Cybernetics between 2010 and 2017. International Journal of Machine Learning and Cybernetics, 2019, 10, 2375-2387.	2.3	19
319	Solving matrix games based on Ambika method with hesitant fuzzy information and its application in the counter-terrorism issue. Applied Intelligence, 2021, 51, 1227-1243.	3.3	19
320	An Analysis on the Influence of Chinese "New Four Inventions" Under the Incomplete Hybrid Probabilistic Linguistic Environment. International Journal of Fuzzy Systems, 2019, 21, 1349-1366.	2.3	18
321	Single variable differential calculus under $q$ -rung orthopair fuzzy environment: Limit, derivative, chain rules, and its application. International Journal of Intelligent Systems, 2019, 34, 1387-1415.	3.3	18
322	A Novel TODIM with Probabilistic Hesitant Fuzzy Information and Its Application in Green Supplier Selection. Complexity, 2020, 2020, 1-26.	0.9	18
323	Does Intuitionistic Fuzzy Analytic Hierarchy Process Work Better Than Analytic Hierarchy Process?. International Journal of Fuzzy Systems, 2022, 24, 909-924.	2.3	18
324	BIBLIOMETRIC ANALYSIS OF THE JOURNAL OF CIVIL ENGINEERING AND MANAGEMENT BETWEEN 2008 AND 2018. Journal of Civil Engineering and Management, 2019, 25, 402-410.	1.9	18

#	ARTICLE	IF	CITATIONS
325	A process-oriented probabilistic linguistic decision-making model with unknown attribute weights. Knowledge-Based Systems, 2022, 235, 107594.	4.0	18
326	On Typical Hesitant Fuzzy Prioritized $\alpha$ -Operator in Multi-Attribute Decision Making. International Journal of Intelligent Systems, 2016, 31, 73-100.	3.3	17
327	A consensus framework with different preference ordering structures and its applications in human resource selection. Computers and Industrial Engineering, 2018, 118, 80-88.	3.4	17
328	Multiple Definite Integrals of Intuitionistic Fuzzy Calculus and Isomorphic Mappings. IEEE Transactions on Fuzzy Systems, 2018, 26, 670-680.	6.5	17
329	Line Integrals of Intuitionistic Fuzzy Calculus and Their Properties. IEEE Transactions on Fuzzy Systems, 2018, 26, 1435-1446.	6.5	17
330	Fusions and preference relations based on probabilistic interval-valued hesitant fuzzy information in group decision making. Soft Computing, 2019, 23, 8291-8306.	2.1	17
331	Green Supplier Selection With a Continuous Interval-Valued Linguistic TODIM Method. IEEE Access, 2019, 7, 124315-124328.	2.6	17
332	Two-stage multi-sided matching dispatching models based on improved BPR function with probabilistic linguistic term sets. International Journal of Machine Learning and Cybernetics, 2021, 12, 151-169.	2.3	17
333	An integrated method for multi-criteria decision-making based on the best-worst method and Dempster-Shafer evidence theory under double hierarchy hesitant fuzzy linguistic environment. Applied Intelligence, 2021, 51, 713-735.	3.3	17
334	A novel approach of three-way decisions with information interaction strategy for intelligent decision making under uncertainty. Information Sciences, 2021, 581, 106-135.	4.0	17
335	Consensus reaching with the externality effect of social network for three-way group decisions. Annals of Operations Research, 2022, 315, 707-745.	2.6	17
336	GROUP DECISION-MAKING MODELS FOR VENTURE CAPITALISTS: THE PROMETHEE WITH HESITANT FUZZY LINGUISTIC INFORMATION. Technological and Economic Development of Economy, 2019, 25, 743-773.	2.3	17
337	Matrix game-based approach for MADM with probabilistic triangular intuitionistic hesitant fuzzy information and its application. Computers and Industrial Engineering, 2022, 163, 107787.	3.4	17
338	Sustainable business model innovation literature: a bibliometrics analysis. Review of Managerial Science, 2023, 17, 757-785.	4.3	17
339	Dual Locality-Based Flash Translation Layer for NAND Flash-Based Consumer Electronics. IEEE Transactions on Consumer Electronics, 2022, 68, 281-290.	3.0	17
340	Aggregation and decision making using intuitionistic multiplicative triangular fuzzy information. Journal of Systems Science and Systems Engineering, 2014, 23, 20-38.	0.8	16
341	Deviation Square Priority Method for Distinct Preference Structures Based on Generalized Multiplicative Consistency. IEEE Transactions on Fuzzy Systems, 2015, 23, 1164-1180.	6.5	16
342	Simplified interval-valued intuitionistic fuzzy sets with intuitionistic fuzzy numbers. Journal of Intelligent and Fuzzy Systems, 2016, 30, 2871-2882.	0.8	16

#	ARTICLE	IF	CITATIONS
343	Fundamental Properties With Respect to the Completeness of Intuitionistic Fuzzy Partially Ordered Set. <i>IEEE Transactions on Fuzzy Systems</i> , 2017, 25, 1741-1751.	6.5	16
344	A fuzzy compromise programming model based on the modified S-curve membership functions for supplier selection. <i>Granular Computing</i> , 2018, 3, 275-283.	4.4	16
345	Score-hesitation trade-off and portfolio selection under intuitionistic fuzzy environment. <i>International Journal of Intelligent Systems</i> , 2019, 34, 325-341.	3.3	16
346	Dynamic hesitant fuzzy Bayesian network and its application in the optimal investment port decision making problem of "twenty-first century maritime silk road". <i>Applied Intelligence</i> , 2020, 50, 1846-1858.	3.3	16
347	Dynamic reference point method with probabilistic linguistic information based on the regret theory for public health emergency decision-making. <i>Economic Research-Ekonomika Istrazivanja</i> , 2021, 34, 3355-3381.	2.6	16
348	A Novel Hybrid Fuzzy DEA-Fuzzy ARAS Method for Prioritizing High-Performance Innovation-Oriented Human Resource Practices in High Tech SMEs. <i>International Journal of Fuzzy Systems</i> , 2022, 24, 883-908.	2.3	16
349	A BIBLIOMETRIC OVERVIEW OF THE INTERNATIONAL JOURNAL OF STRATEGIC PROPERTY MANAGEMENT BETWEEN 2008 AND 2019. <i>International Journal of Strategic Property Management</i> , 2019, 23, 366-377.	0.8	16
350	A three-way decision approach with risk strategies in hesitant fuzzy decision information systems. <i>Information Sciences</i> , 2022, 588, 293-314.	4.0	16
351	A group-based FMEA approach with dynamic heterogeneous social network consensus reaching model for uncertain reliability assessment. <i>Journal of the Operational Research Society</i> , 2023, 74, 33-47.	2.1	16
352	Prioritized Measure-Guided Aggregation Operators. <i>IEEE Transactions on Fuzzy Systems</i> , 2014, 22, 1127-1138.	6.5	15
353	Limit properties and derivative operations in the metric space of intuitionistic fuzzy numbers. <i>Fuzzy Optimization and Decision Making</i> , 2017, 16, 71-87.	3.4	15
354	Exponential operational laws and new aggregation operators of intuitionistic Fuzzy information based on Archimedean T-conorm and T-norm. <i>International Journal of Machine Learning and Cybernetics</i> , 2018, 9, 1261-1269.	2.3	15
355	Distance and Similarity Measures for Nested Probabilistic-Numerical Linguistic Term Sets Applied to Evaluation of Medical Treatment. <i>International Journal of Fuzzy Systems</i> , 2019, 21, 1306-1329.	2.3	15
356	The evaluation of mobile health apps: A psychological perception-based probabilistic linguistic belief thermodynamic multiple attribute decision making method. <i>Journal of the Operational Research Society</i> , 2021, 72, 2596-2610.	2.1	15
357	A Stochastic Multi-Attribute Method for Measuring Sustainability Performance of a Supplier Based on a Triple Bottom Line Approach in a Dual Hesitant Fuzzy Linguistic Environment. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 2138.	1.2	15
358	Green supplier selection based on probabilistic dual hesitant fuzzy sets: A process integrating best worst method and superiority and inferiority ranking. <i>Applied Intelligence</i> , 2022, 52, 8279-8301.	3.3	15
359	Error Analysis Methods for Group Decision Making Based on Hesitant Fuzzy Preference Relation. <i>International Journal of Intelligent Systems</i> , 2016, 31, 1104-1128.	3.3	14
360	Assessments of the Effectiveness of an Earthquake Emergency Plan Implementation with Hesitant Analytic Hierarchy Process. <i>International Journal of Information Technology and Decision Making</i> , 2016, 15, 1367-1389.	2.3	14

#	ARTICLE	IF	CITATIONS
361	Ordered Weighted Hesitant Fuzzy Information Fusion-Based Approach to Multiple Attribute Decision Making with Probabilistic Linguistic Term Sets. <i>Fundamenta Informaticae</i> , 2018, 159, 361-383.	0.3	14
362	DEA Evaluation Method Based on Interval Intuitionistic Bayesian Network and Its Application in Enterprise Logistics. <i>IEEE Access</i> , 2019, 7, 98277-98289.	2.6	14
363	Determining consensus thresholds for group decision making with preference relations. <i>Journal of the Operational Research Society</i> , 2021, 72, 2290-2300.	2.1	14
364	Caching-Aware Garbage Collection to Improve Performance and Lifetime for NAND Flash SSDs. <i>IEEE Transactions on Consumer Electronics</i> , 2021, 67, 141-148.	3.0	14
365	A continuous interval-valued double hierarchy linguistic GLDS method and its application in performance evaluation of bus companies. <i>Applied Intelligence</i> , 2022, 52, 4511-4526.	3.3	14
366	Work Resumption After Epidemic Using Three-Way Decisions. <i>International Journal of Fuzzy Systems</i> , 2021, 23, 630-641.	2.3	14
367	Loss Function Information Fusion and Decision Rule Deduction of Three-Way Decision by Constructing Interval-Valued $\$q\$$ -Rung Orthopair Fuzzy Integral. <i>IEEE Transactions on Fuzzy Systems</i> , 2022, 30, 3645-3660.	6.5	14
368	An endo-confidence-based consensus with hierarchical clustering and automatic feedback in multi-attribute large-scale group decision-making. <i>Information Sciences</i> , 2022, 608, 1702-1730.	4.0	14
369	A new prioritized multi-criteria outranking method: The prioritized PROMETHEE. <i>Journal of Intelligent and Fuzzy Systems</i> , 2015, 29, 2099-2110.	0.8	13
370	Intuitionistic fuzzy multi-attribute decision making with ideal-point-based method and correlation measure. <i>Journal of Intelligent and Fuzzy Systems</i> , 2016, 30, 747-757.	0.8	13
371	Probabilistic Interval Reference Ordering Sets in Multi-Criteria Group Decision Making. <i>International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems</i> , 2017, 25, 189-212.	0.9	13
372	Correlation coefficients of hesitant multiplicative sets and their applications in decision making and clustering analysis. <i>Applied Soft Computing Journal</i> , 2017, 61, 935-946.	4.1	13
373	Some Approaches to Constructing Distance Measures for Hesitant Fuzzy Linguistic Term Sets with Applications in Decision-Making. <i>International Journal of Information Technology and Decision Making</i> , 2018, 17, 103-132.	2.3	13
374	Deriving priority weights from intuitionistic fuzzy multiplicative preference relations. <i>International Journal of Intelligent Systems</i> , 2019, 34, 2937-2969.	3.3	13
375	Expanding Grey Relational Analysis With the Comparable Degree for Dual Probabilistic Multiplicative Linguistic Term Sets and its Application on the Cloud Enterprise. <i>IEEE Access</i> , 2019, 7, 75041-75057.	2.6	13
376	Hesitant Fuzzy Linguistic Possibility Degree-Based Linear Assignment Method for Multiple Criteria Decision-Making. <i>International Journal of Information Technology and Decision Making</i> , 2019, 18, 35-63.	2.3	13
377	A Heterogeneous Regret-Theory-Based Method With Choquet Integral to Multiattribute Reverse Auction. <i>IEEE Transactions on Engineering Management</i> , 2022, 69, 2248-2259.	2.4	13
378	Decision-Making Models Based on Incomplete Hesitant Fuzzy Linguistic Preference Relation With Application to Site Selection of Hydropower Stations. <i>IEEE Transactions on Engineering Management</i> , 2022, 69, 904-915.	2.4	13



#	ARTICLE	IF	CITATIONS
379	Low-Carbon Supply Chain Emission Reduction Strategy Considering the Supervision of Downstream Enterprises Based on Evolutionary Game Theory. <i>Sustainability</i> , 2021, 13, 2827.	1.6	13
380	The optimized GRNN based on the FDS-FOA under the hesitant fuzzy environment and its application in air quality index prediction. <i>Applied Intelligence</i> , 2021, 51, 8365-8376.	3.3	13
381	A BIBLIOMETRIC ANALYSIS OF NATURAL DISASTERS AND BUSINESS MANAGEMENT IN TOURISM. <i>Journal of Business Economics and Management</i> , 2022, 23, 305-326.	1.1	13
382	Nonlinear optimization models for multiple attribute group decision making with intuitionistic fuzzy information. <i>International Journal of Intelligent Systems</i> , 2010, 25, n/a-n/a.	3.3	12
383	Generalized Hesitant Fuzzy Harmonic Mean Operators and Their Applications in Group Decision Making. <i>International Journal of Fuzzy Systems</i> , 2016, 18, 685-696.	2.3	12
384	Improving the additive and multiplicative consistency of hesitant fuzzy linguistic preference relations. <i>Journal of Intelligent and Fuzzy Systems</i> , 2017, 33, 3677-3693.	0.8	12
385	A Unification of Intuitionistic Fuzzy Calculus Theories Based on Subtraction Derivatives and Division Derivatives. <i>IEEE Transactions on Fuzzy Systems</i> , 2017, 25, 1023-1040.	6.5	12
386	Evaluation of the Human Settlement in Lhasa with Intuitionistic Fuzzy Analytic Hierarchy Process. <i>International Journal of Fuzzy Systems</i> , 2018, 20, 29-44.	2.3	12
387	Hesitant fuzzy Lukasiewicz implication operation and its application to alternatives' sorting and clustering analysis. <i>Soft Computing</i> , 2019, 23, 393-405.	2.1	12
388	A novel distance-based multiple attribute decision-making with hesitant fuzzy sets. <i>Soft Computing</i> , 2020, 24, 5005-5017.	2.1	12
389	Envelopment Analysis, Preference Fusion, and Membership Improvement of Intuitionistic Fuzzy Numbers. <i>IEEE Transactions on Fuzzy Systems</i> , 2020, 28, 2119-2130.	6.5	12
390	Hesitant fuzzy psychological distance measure. <i>International Journal of Machine Learning and Cybernetics</i> , 2020, 11, 2089-2100.	2.3	12
391	The probe for the weighted dual probabilistic linguistic correlation coefficient to invest an artificial intelligence project. <i>Soft Computing</i> , 2020, 24, 15389-15408.	2.1	12
392	An inverse prospect theory-based algorithm in extended incomplete additive probabilistic linguistic preference relation environment and its application in financial products selection. <i>Fuzzy Optimization and Decision Making</i> , 2021, 20, 397-428.	3.4	12
393	Multiple attribute decision-making method based on projection model for dual hesitant fuzzy set. <i>Fuzzy Optimization and Decision Making</i> , 2022, 21, 263-289.	3.4	12
394	The Journal Buildings: A Bibliometric Analysis (2011–2021). <i>Buildings</i> , 2022, 12, 37.	1.4	12
395	Attribute weights determination models for consensus maximization in multiple attribute group decision-making. <i>International Journal of General Systems</i> , 2011, 40, 755-774.	1.2	11
396	The orders of intuitionistic fuzzy numbers. <i>Journal of Intelligent and Fuzzy Systems</i> , 2015, 28, 505-511.	0.8	11

#	ARTICLE	IF	CITATIONS
397	Some studies on properties of hesitant fuzzy sets. <i>International Journal of Machine Learning and Cybernetics</i> , 2017, 8, 489-495.	2.3	11
398	Decision Models to Find a Promising Start-Up Firm with Qualiflex under Probabilistic Linguistic Circumstance. <i>International Journal of Information Technology and Decision Making</i> , 2019, 18, 1379-1402.	2.3	11
399	An improved structure learning algorithm of Bayesian Network based on the hesitant fuzzy information flow. <i>Applied Soft Computing Journal</i> , 2019, 82, 105549.	4.1	11
400	An Innovative Indicator System and Group Decision Framework for Assessing Sustainable Development Enterprises. <i>Group Decision and Negotiation</i> , 2021, 30, 1201-1238.	2.0	11
401	A novel plausible reasoning based on intuitionistic fuzzy propositional logic and its application in decision making. <i>Fuzzy Optimization and Decision Making</i> , 2020, 19, 251-274.	3.4	11
402	DEA cross-efficiency framework for efficiency evaluation with probabilistic linguistic term sets. <i>Journal of the Operational Research Society</i> , 2021, 72, 1191-1206.	2.1	11
403	A multidimensional decision with nested probabilistic linguistic term sets and its application in corporate investment. <i>Economic Research-Ekonomska Istrazivanja</i> , 2021, 34, 3382-3400.	2.6	11
404	A DECISION-MAKING FRAMEWORK BASED ON THE PROSPECT THEORY UNDER AN INTUITIONISTIC FUZZY ENVIRONMENT. <i>Technological and Economic Development of Economy</i> , 2018, 24, 2374-2396.	2.3	11
405	Generalized point operators for aggregating intuitionistic fuzzy information. <i>International Journal of Intelligent Systems</i> , 2010, 25, n/a-n/a.	3.3	10
406	A Novel Method for Fuzzy Multi-Criteria Decision Making. <i>International Journal of Information Technology and Decision Making</i> , 2014, 13, 497-519.	2.3	10
407	Assessment of the Impact of Hydropower Stations on the Environment With a Hesitant Fuzzy Linguistic Hyperplane-Consistency Programming Method. <i>IEEE Transactions on Fuzzy Systems</i> , 2018, 26, 2981-2992.	6.5	10
408	Prioritized aggregation operators based on the priority degrees in multicriteria decision-making. <i>International Journal of Intelligent Systems</i> , 2019, 34, 1985-2018.	3.3	10
409	Decision-Making Support for the Evaluation of Clustering Algorithms Based on MCDM. <i>Complexity</i> , 2020, 2020, 1-17.	0.9	10
410	A Novel Two-Stage Multi-Criteria Decision-Making Method Based on Interval-Valued Pythagorean Fuzzy Aggregation Operators with Self-Confidence Levels. <i>Arabian Journal for Science and Engineering</i> , 2021, 46, 1561-1584.	1.7	10
411	A multi-attribute decision-making framework for Chinese medicine medical diagnosis with correlation measures under double hierarchy hesitant fuzzy linguistic environment. <i>Computers and Industrial Engineering</i> , 2021, 156, 107243.	3.4	10
412	A mixed 0-1 programming approach for multiple attribute strategic weight manipulation based on uncertainty theory. <i>Journal of Intelligent and Fuzzy Systems</i> , 2021, 41, 6739-6754.	0.8	10
413	Intuitionistic Fuzzy Calculus. <i>Studies in Fuzziness and Soft Computing</i> , 2017, . .	0.6	10
414	The Interval probabilistic double hierarchy linguistic EDAS method based on natural language processing basic techniques and its application to hotel online reviews. <i>International Journal of Machine Learning and Cybernetics</i> , 2022, 13, 1517-1534.	2.3	10



#	ARTICLE	IF	CITATIONS
415	Intuitionistic Fuzzy Double Integrals and Their Fundamental Properties. IEEE Transactions on Fuzzy Systems, 2018, 26, 3782-3792.	6.5	9
416	Route Selection of the Arctic Northwest Passage Based on Hesitant Fuzzy Decision Field Theory. IEEE Access, 2019, 7, 19979-19989.	2.6	9
417	Distance-based intuitionistic multiplicative multiple criteria decision-making methods for healthcare management in West China Hospital. Expert Systems, 2020, 37, e12479.	2.9	9
418	Hybrid TODIM Method with Crisp Number and Probability Linguistic Term Set for Urban Epidemic Situation Evaluation. Complexity, 2020, 2020, 1-11.	0.9	9
419	An Understandable Way to Extend the Ordinary Linear Order on Real Numbers to a Linear Order on Interval Numbers. IEEE Transactions on Fuzzy Systems, 2021, 29, 2675-2688.	6.5	9
420	Feature-based hesitant fuzzy aggregation method for satisfaction with life scale. Applied Soft Computing Journal, 2020, 94, 106493.	4.1	9
421	Are family firms in the eyes of economic policy?. International Entrepreneurship and Management Journal, 2021, 17, 1233-1259.	2.9	9
422	Sparse portfolio selection with uncertain probability distribution. Applied Intelligence, 2021, 51, 6665-6684.	3.3	9
423	Limited interval-valued probabilistic linguistic term sets in evaluating airline service quality. Journal of the Operational Research Society, 0, , 1-17.	2.1	8
424	A probabilistic linguistic evaluation-based multi-stage medical scheme selection process related to referral system. Expert Systems With Applications, 2021, 170, 114523.	4.4	8
425	COMPREHENSIVE BIBLIOMETRIC STUDY OF JOURNAL OF ENVIRONMENTAL ENGINEERING AND LANDSCAPE MANAGEMENT FROM 2007 TO 2019. Journal of Environmental Engineering and Landscape Management, 2019, 27, 215-227.	0.4	8
426	Probability distribution based weights for weighted arithmetic aggregation operators. Fuzzy Optimization and Decision Making, 2016, 15, 177-193.	3.4	7
427	Distribution-Based Approaches to Deriving Weights from Dual Hesitant Fuzzy Information. Symmetry, 2019, 11, 85.	1.1	7
428	Limit Theory and Differential Calculus of Intuitionistic Fuzzy Functions With Several Variables. IEEE Transactions on Fuzzy Systems, 2020, 28, 3367-3375.	6.5	7
429	Qualitative hesitant fuzzy group decision making: An additively consistent probability and consensus-based perspective. Expert Systems, 2020, 37, e12510.	2.9	7
430	Multiattribute social network matching with unknown weight and different risk preference. Journal of Intelligent and Fuzzy Systems, 2020, 38, 4031-4048.	0.8	7
431	Managing individual evaluator's personalized semantic environment of linguistic term with improved vector expression in multi-granularity linguistic group decision making. Applied Soft Computing Journal, 2020, 92, 106334.	4.1	7
432	AN OVERVIEW OF A LEADER JOURNAL IN THE FIELD OF TRANSPORT: A BIBLIOMETRIC ANALYSIS OF "COMPUTER-AIDED CIVIL AND INFRASTRUCTURE ENGINEERING" FROM 2000 TO 2019. Transport, 2021, 35, 557-575.	0.6	7

#	ARTICLE	IF	CITATIONS
433	Simple noncooperative games with intuitionistic fuzzy information and application in ecological management. <i>Applied Intelligence</i> , 2021, 51, 6685-6697.	3.3	7
434	A NOVEL DECISION-MAKING FRAMEWORK BASED ON PROBABILISTIC LINGUISTIC TERM SET FOR SELECTING SUSTAINABLE SUPPLIER CONSIDERING SOCIAL CREDIT. <i>Technological and Economic Development of Economy</i> , 2021, 27, 1447-1480.	2.3	7
435	REMANUFACTURING WITH PATENTED TECHNIQUE ROYALTY UNDER ASYMMETRIC INFORMATION AND UNCERTAIN MARKETS. <i>Technological and Economic Development of Economy</i> , 2019, 26, 599-620.	2.3	7
436	EVALUATION OF GROUP DECISION MAKING BASED ON GROUP PREFERENCES UNDER A MULTI-CRITERIA ENVIRONMENT. <i>Technological and Economic Development of Economy</i> , 2020, 26, 1187-1212.	2.3	7
437	A Bibliometric Study and Science Mapping Research of Intelligent Decision. <i>Cognitive Computation</i> , 2022, 14, 989-1008.	3.6	7
438	Green supplier selection with a multiple criteria decision-making method based on thermodynamic features. <i>Environment, Development and Sustainability</i> , 0, , 1.	2.7	7
439	Indefinite integrals of generalized intuitionistic multiplicative functions. <i>Fuzzy Optimization and Decision Making</i> , 2015, 14, 459-476.	3.4	6
440	Simplified interval-valued intuitionistic fuzzy integrals and their use in park siting. <i>Soft Computing</i> , 2016, 20, 4377-4393.	2.1	6
441	The chain and substitution rules of interval-valued intuitionistic fuzzy calculus. <i>Fuzzy Optimization and Decision Making</i> , 2018, 17, 265-285.	3.4	6
442	Hesitant Fuzzy Multiple Integrals for Information Aggregation. <i>International Journal of Fuzzy Systems</i> , 2020, 22, 668-685.	2.3	6
443	Opinion dynamics based on infectious disease transmission model in the non-connected context of Pythagorean fuzzy trust relationship. <i>Journal of the Operational Research Society</i> , 2021, 72, 2783-2803.	2.1	6
444	Hesitant fuzzy C-means algorithm and its application in image segmentation. <i>Journal of Intelligent and Fuzzy Systems</i> , 2020, 39, 3681-3695.	0.8	6
445	Developing the comparison techniques of probabilistic hesitant fuzzy elements in multiple criteria decision making. <i>Soft Computing</i> , 2021, 25, 331-342.	2.1	6
446	An improved TODIM method based on the hesitant fuzzy psychological distance measure. <i>International Journal of Machine Learning and Cybernetics</i> , 2021, 12, 973-985.	2.3	6
447	Multi-attribute strict two-sided matching methods with interval-valued preference ordinal information. <i>Journal of Experimental and Theoretical Artificial Intelligence</i> , 2022, 34, 545-569.	1.8	6
448	FINANCIAL CYCLES IN THE ECONOMY AND IN ECONOMIC RESEARCH: A CASE STUDY IN CHINA. <i>Technological and Economic Development of Economy</i> , 2021, 27, 1250-1279.	2.3	6
449	Integral Aggregations of Continuous Probabilistic Hesitant Fuzzy Sets. <i>IEEE Transactions on Fuzzy Systems</i> , 2022, 30, 676-686.	6.5	6
450	Structure, trend and prospect of operational research: a scientific analysis for publications from 1952 to 2020 included in Web of Science database. <i>Fuzzy Optimization and Decision Making</i> , 2022, 21, 649-672.	3.4	6

#	ARTICLE	IF	CITATIONS
451	Knowledge Diffusion Trajectories in the Hesitant Fuzzy Domain in the Past Decade: A Citation-Based Analysis. <i>International Journal of Fuzzy Systems</i> , 2022, 24, 2382-2396.	2.3	6
452	Hesitant fuzzy preference relation based on $\hat{\mu}$ -normalization with self confidence in decision making. <i>Journal of Intelligent and Fuzzy Systems</i> , 2018, 35, 3421-3435.	0.8	5
453	A New Perspective of Bayes Formula Based on Dê“S Theory in Interval Intuitionistic Fuzzy Environment and Its Applications. <i>International Journal of Fuzzy Systems</i> , 2019, 21, 1196-1213.	2.3	5
454	A Bibliometric Analysis of Symmetry (2009â€“2019). <i>Symmetry</i> , 2020, 12, 1304.	1.1	5
455	An Overview on Recent Researches of Uncertain Group Decision Making: Methodology, Framework and Development. <i>International Journal of Information Technology and Decision Making</i> , 2021, 20, 165-198.	2.3	5
456	Probabilistic reliable linguistic term sets applied to investment project selection with the gained and lost dominance score method. <i>International Journal of Machine Learning and Cybernetics</i> , 2021, 12, 2163-2183.	2.3	5
457	Advantage matrix: two novel multi-attribute decision-making methods and their applications. <i>Artificial Intelligence Review</i> , 2022, 55, 4463-4484.	9.7	5
458	An overview of probabilistic preference decision-making based on bibliometric analysis. <i>Applied Intelligence</i> , 2022, 52, 15368-15386.	3.3	5
459	The Dual-Fuzzy Convolutional Neural Network to Deal With Handwritten Image Recognition. <i>IEEE Transactions on Fuzzy Systems</i> , 2022, 30, 5225-5236.	6.5	5
460	Sensitivity Analysis of Multiple Criteria Decision Making Method Based on the OWA Operator. <i>International Journal of Intelligent Systems</i> , 2013, 28, 1124-1139.	3.3	4
461	Infinite Intuitionistic Fuzzy Series and Product. <i>International Journal of Intelligent Systems</i> , 2017, 32, 645-662.	3.3	4
462	An approach to multiplicative linguistic group decision making based on possibility degrees. <i>International Transactions in Operational Research</i> , 2018, 25, 1611-1634.	1.8	4
463	An Aspiration-Based Approach for Qualitative Decision-Making With Complex Linguistic Expressions. <i>IEEE Access</i> , 2019, 7, 12529-12546.	2.6	4
464	The Stably Multiplicative Consistency of Fuzzy Preference Relation and Interval-Valued Hesitant Fuzzy Preference Relation. <i>IEEE Access</i> , 2019, 7, 54929-54945.	2.6	4
465	Consensus-Based Track Association with Multistatic Sensors under a Nested Probabilistic-Numerical Linguistic Environment. <i>Sensors</i> , 2019, 19, 1381.	2.1	4
466	Kernel Low-Rank Entropic Component Analysis for Hyperspectral Image Classification. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2020, 13, 5682-5693.	2.3	4
467	Integrations of Continuous Hesitant Fuzzy Information in Group Decision Making With a Case Study of Water Resources Emergency Management. <i>IEEE Access</i> , 2020, 8, 146134-146144.	2.6	4
468	A measure of probabilistic hesitant $\lambda$ -fuzzy sets and decision makings for strategy choice. <i>International Journal of Intelligent Systems</i> , 2021, 36, 1244-1269.	3.3	4

#	ARTICLE	IF	CITATIONS
469	Probabilistic Linguistic Term Envelopment Analysis Model. <i>International Journal of Fuzzy Systems</i> , 2021, 23, 262-279.	2.3	4
470	Group Decisions with Intuitionistic Fuzzy Sets. , 2021, , 977-995.		4
471	Conversion-based aggregation algorithms for linear ordinal rankings combined with granular computing. <i>Knowledge-Based Systems</i> , 2021, 219, 106880.	4.0	4
472	Hesitant Mahalanobis distance with applications to estimating the optimal number of clusters. <i>International Journal of Intelligent Systems</i> , 2021, 36, 5264-5306.	3.3	4
473	Large-scale consensus with endo-confidence under probabilistic linguistic circumstance and its application. <i>Economic Research-Ekonomiska Istrazivanja</i> , 2022, 35, 2039-2072.	2.6	4
474	Continuous Exp Strategy for Consumer Preference Analysis Based on Online Ratings. <i>IEEE Transactions on Fuzzy Systems</i> , 2022, 30, 2621-2633.	6.5	4
475	An orthogonal clustering method under hesitant fuzzy environment. <i>International Journal of Computational Intelligence Systems</i> , 2017, 10, 663.	1.6	4
476	APPLICATIONS OF CONTEMPORARY DECISION-MAKING METHODS TO THE DEVELOPMENT OF ECONOMY AND TECHNOLOGY. <i>Technological and Economic Development of Economy</i> , 2020, 26, 546-548.	2.3	4
477	The Knowledge Domain of The Baltic Journal of Road and Bridge Engineering Between 2006 and 2019. <i>Baltic Journal of Road and Bridge Engineering</i> , 2020, 15, 1-30.	0.4	4
478	Time-Varying Intuitionistic Fuzzy Integral for Emergency Materials Demand Prediction With Case-Based Reasoning. <i>IEEE Transactions on Fuzzy Systems</i> , 2022, 30, 3617-3632.	6.5	4
479	Cognitively Inspired Multi-attribute Decision-making Methods Under Uncertainty: a State-of-the-art Survey. <i>Cognitive Computation</i> , 2022, 14, 511-530.	3.6	4
480	The impact of COVID-19 on the service business industry: insights from a bibliometric review. <i>Total Quality Management and Business Excellence</i> , 2023, 34, 580-614.	2.4	4
481	A hesitant fuzzy SMART method based on a new score function for information literacy assessment of teachers. <i>Economic Research-Ekonomiska Istrazivanja</i> , 2023, 36, 357-382.	2.6	4
482	Harmonic Mean Operators for Aggregating Linguistic Information. , 2008, , .		3
483	Ranking Alternatives Based on Intuitionistic Preference Relation. <i>International Journal of Information Technology and Decision Making</i> , 2014, 13, 1259-1281.	2.3	3
484	An Approach Based on Definite Integrals to Multi-Criteria Decision Making with Correlative Intuitionistic Fuzzy Information. <i>International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems</i> , 2016, 24, 807-829.	0.9	3
485	Diagram Illustrations of Aggregation Operations for the Intuitionistic Fuzzy Values. <i>International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems</i> , 2016, 24, 631-646.	0.9	3
486	Simplified Interval-Valued Intuitionistic Fuzzy Line Integrals and Their Application. <i>IEEE Access</i> , 2019, 7, 134256-134270.	2.6	3

#	ARTICLE	IF	CITATIONS
487	Green Credit Product Design Based on Fuzzy Concept Lattice. IEEE Access, 2019, 7, 141574-141586.	2.6	3
488	Consistency Checking and Improving for Interval-Valued Hesitant Preference Relations. Symmetry, 2019, 11, 466.	1.1	3
489	Differentiating the Personalized Information of the Physician-Patient Communication for the Chronic Obstructive Pulmonary Disease with General Probabilistic Vector Linguistic Terms. Complexity, 2019, 2019, 1-21.	0.9	3
490	Visualizing the Intellectual Structure of the Fuzzy Linguistic Knowledge Domain: A Bibliometric Analysis. International Journal of Fuzzy Systems, 2020, 22, 2397-2413.	2.3	3
491	Profit Allocations for Restricted Coalition With Hesitation Degrees in Cooperative Game Theory. IEEE Access, 2020, 8, 83105-83115.	2.6	3
492	Hesitant Fuzzy Concept Lattice and its Application. IEEE Access, 2020, 8, 59774-59786.	2.6	3
493	Belief interval interpretation of probabilistic linguistic term sets and a visual method for solving the preference problem in multicriteria group decision making. International Journal of Intelligent Systems, 2021, 36, 4364-4391.	3.3	3
494	An Overview of Studies Based on the Probability-Based Decision-Making Information: Current Developments, Methodologies, Applications and Challenges. International Journal of Fuzzy Systems, 0, 1.	2.3	3
495	Double Hierarchy Linguistic Term Set and Its Extensions. Studies in Fuzziness and Soft Computing, 2021, 1-21.	0.6	3
496	AUTOMOBILE COMPONENTS PROCUREMENT USING A DEA-TOPSIS-FMIP APPROACH WITH ALL-UNIT QUANTITY DISCOUNT AND FUZZY FACTORS. Technological and Economic Development of Economy, 2020, 27, 311-352.	2.3	3
497	Review of fuzzy investment research considering modelling environment and element fusion. International Journal of Systems Science, 2022, 53, 1958-1982.	3.7	3
498	Predicting the effectiveness of interventions on population-level sodium reduction: A simulation modeling study. Health Science Reports, 2022, 5, e540.	0.6	3
499	EVALUATION OF GOVERNMENT INVESTMENT USING NESTED PROBABILISTIC LINGUISTIC PREFERENCE RELATIONS BASED ON GRAPH THEORY. Technological and Economic Development of Economy, 2022, 28, 831-853.	2.3	3
500	Two-Stage Assignment Classification Model Based on an Improved AHPSort II With Heterogeneous Criteria for Location Selection of Electric Vehicle Charging Stations. IEEE Transactions on Engineering Management, 2024, 71, 2241-2254.	2.4	3
501	Analysis on Aggregation Function Spaces. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2014, 22, 737-747.	0.9	2
502	The Basis and Coordinates in Intuitionistic Fuzzy Environment. International Journal of Fuzzy Systems, 2018, 20, 1483-1494.	2.3	2
503	Distance measures for hesitant intuitionistic fuzzy linguistic term sets based on a risk factor parameter. International Journal of Computers and Applications, 2019, 41, 418-435.	0.8	2
504	Two regression methods for hesitant multiplicative preference relations with different consistencies. Soft Computing, 2019, 23, 7029-7044.	2.1	2

#	ARTICLE	IF	CITATIONS
505	Credit Line Models for Supply Chain Enterprises with Channel Background and Soft Information. Sustainability, 2019, 11, 2985.	1.6	2
506	Investment decision making based on the probabilistic hesitant financial data: model and empirical study. Economic Research-Ekonomiska Istrazivanja, 2020, , 1-21.	2.6	2
507	The optimized evidence k-Nearest Neighbor based on FOA under the hesitant fuzzy environment and its application in classification. Journal of Intelligent and Fuzzy Systems, 2020, 39, 1119-1129.	0.8	2
508	Similarity Measure of Hesitant Fuzzy Sets Based on Implication Function and Clustering Analysis. IEEE Access, 2020, 8, 119995-120008.	2.6	2
509	A PL-MCDM Method based on the Decision-Making Reliability of Multi-Group for Patients with Chronic Diseases Requiring Downward Referral. Applied Intelligence, 2022, 52, 2655-2670.	3.3	2
510	Global fusion of multiple order relations and hesitant fuzzy decision analysis. Applied Intelligence, 0, , 1.	3.3	2
511	A novel order evaluation model with nested probabilistic-numerical linguistic information applied to traditional order grabbing mode. Applied Intelligence, 2021, 51, 4470-4489.	3.3	2
512	FUZZY SUPPLY CHAIN COORDINATION MECHANISM WITH IMPERFECT QUALITY ITEMS. Technological and Economic Development of Economy, 2019, 25, 239-257.	2.3	2
513	Novel operations of weighted hesitant fuzzy sets and their group decision making application. AIMS Mathematics, 2022, 7, 14117-14138.	0.7	2
514	A Look at the Focus on Big Data for Information Technology and Decision Making During 1994 to 2020. International Journal of Information Technology and Decision Making, 2023, 22, 7-35.	2.3	2
515	Sustainable Tourism Research Progress. Tourism, 2022, 70, 493-511.	0.7	2
516	Hesitant Fuzzy Multiple Criteria Decision Analysis Based on TODIM. Studies in Fuzziness and Soft Computing, 2017, , 31-69.	0.6	1
517	Foundation of Interval-Valued Intuitionistic Fuzzy Limit and Differential Theory and an Application to Continuous Data. Complexity, 2019, 2019, 1-14.	0.9	1
518	An Inverse Prospect Theory Based-Approach for Linear Ordinal Ranking Aggregation with Its Application in Site Selection of Electric Vehicle Charging Station. , 2020, , .		1
519	Assessing economic losses of haze with uncertain probabilistic linguistic analytic hierarchy process. Journal of Intelligent and Fuzzy Systems, 2020, 39, 7547-7569.	0.8	1
520	Incomplete and Inconsistent Information Analysis Method Considering Time Factors: Dynamic Paraconsistent Soft Sets and Their Application to Decision Making. IEEE Access, 2020, 8, 51532-51549.	2.6	1
521	Series based on the new order in intuitionistic fuzzy environment. Journal of Intelligent and Fuzzy Systems, 2021, 40, 319-330.	0.8	1
522	A Consensus Model for Hesitant Fuzzy Linguistic Preference Relation Based on Consistency Driven. Studies in Fuzziness and Soft Computing, 2021, , 111-126.	0.6	1

#	ARTICLE	IF	CITATIONS
523	ADVANCES IN FUZZY TECHNIQUES AND APPLICATIONS: IN OCCASION OF LOTFI ZADEH 100 BIRTH ANNIVERSARY. Technological and Economic Development of Economy, 2021, 27, 280-283.	2.3	1
524	Group Decisions with Intuitionistic Fuzzy Sets. , 2020, , 1-20.		1
525	Research on K-medoids Algorithm with Probabilistic-based Expressions and Its Applications. Applied Intelligence, 2022, 52, 12016-12033.	3.3	1
526	Sustainable Process Selection Using a Hybrid Fuzzy DEMATEL and Fuzzy Inference System. International Journal of Fuzzy Systems, 2022, 24, 1232-1249.	2.3	1
527	Uncertain linguistic terms with weakened hedges for multi-granular linguistic decision making with its application to evaluating communication technologies. Applied Intelligence, 2022, 52, 16758-16774.	3.3	1
528	Granular computing and optimization model-based method for large-scale group decision-making and its application. Economic Research-Ekonomska Istrazivanja, 2022, 35, 5221-5252.	2.6	1
529	A probabilistic linguistic thermodynamic method based on the water-filling algorithm and regret theory for emergency decision making. Economic Research-Ekonomska Istrazivanja, 2023, 36, .	2.6	1
530	Risk assessment in project management by a graph-theory-based group decision making method with comprehensive linguistic preference information. Economic Research-Ekonomska Istrazivanja, 2023, 36, 86-115.	2.6	1
531	Multiplicative consistency of linguistic preference relations with weakened hedges. Journal of Intelligent and Fuzzy Systems, 2022, 43, 5817-5832.	0.8	1
532	Multiplicative Integral Theory of Generalized Orthopair Fuzzy Sets and Its Applications. Journal of Systems Science and Systems Engineering, 2022, 31, 457-479.	0.8	1
533	Dynamic Fuzzy Preference Relations. , 2007, , .		0
534	Generalized Intuitionistic Multiplicative Fuzzy Calculus Theory and Applications. Uncertainty and Operations Research, 2020, , .	0.1	0
535	A Thermodynamic Method for Hesitant Fuzzy Decision Making Based on Prospect Theory. Studies in Fuzziness and Soft Computing, 2021, , 45-62.	0.6	0
536	QUALIFLEX Based on PT with Probabilistic Linguistic Information. Uncertainty and Operations Research, 2021, , 31-48.	0.1	0
537	Intuitionistic Fuzzy Three-Factor Ratio Models and Multi-preference Fusion. Cognitive Computation, 2021, 13, 1246.	3.6	0
538	A Priority Programming Model for Hesitant Fuzzy Linguistic Preference Relation. Studies in Fuzziness and Soft Computing, 2021, , 81-98.	0.6	0
539	Group Consensus Decision-Making Methods with DHHFLPRs, LPOs and Self-confident DHLPRs. Studies in Fuzziness and Soft Computing, 2021, , 95-152.	0.6	0
540	Derivatives and Differentials for Generalized Intuitionistic Multiplicative Fuzzy Information. Uncertainty and Operations Research, 2020, , 17-37.	0.1	0



#	ARTICLE	IF	CITATIONS
541	A double interaction-based financing group decision-making framework considering uncertain information and inconsistent assessment. <i>Economic Research-Ekonomska Istrazivanja</i> , 0, , 1-26.	2.6	0
542	Heterogeneous group decision making with thermodynamical parameters. <i>Economic Research-Ekonomska Istrazivanja</i> , 0, , 1-25.	2.6	0
543	The two-stage utility function with an aspiration to mass data and uncertain linguistic environment in multiple experts multiple criteria decision making. <i>Journal of the Operational Research Society</i> , 0, , 1-18.	2.1	0
544	A New Coordination Service Design Method for Government Website Considering the Kansei Needs and the Fairness of User Groups. <i>IEEE Transactions on Engineering Management</i> , 2024, 71, 1912-1926.	2.4	0
545	Three-way investment decisions during the epidemic with Choquet-based bi-projection method. <i>Fuzzy Optimization and Decision Making</i> , 0, , 1.	3.4	0
546	Two Integral Models and Applications of Hesitant Fuzzy Information Fusion. <i>IEEE Transactions on Fuzzy Systems</i> , 2023, 31, 25-39.	6.5	0