Zeshui Xu

List of Publications by Year
in descending order

546 papers	42,680 citations	2322 98 h-index	2953 189 g-index
552 all docs	552 docs citations	552 times ranked	7181 citing authors

#	Article	IF	Citations
1	A New Coordination Service Design Method for Government Website Considering the Kansei Needs and the Fairness of User Groups. IEEE Transactions on Engineering Management, 2024, 71, 1912-1926.	3.5	0
2	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.	3.5	3
3	A group-based FMEA approach with dynamic heterogeneous social network consensus reaching model for uncertain reliability assessment. Journal of the Operational Research Society, 2023, 74, 33-47.	3.4	16
4	ELECTRE II method based on the cosine similarity to evaluate the performance of financial logistics enterprises under double hierarchy hesitant fuzzy linguistic environment. Fuzzy Optimization and Decision Making, 2023, 22, 23-49.	5.5	48
5	Sustainable business model innovation literature: a bibliometrics analysis. Review of Managerial Science, 2023, 17, 757-785.	7.1	17
6	Regret-Theoretic Multiattribute Decision-Making Model Using Three-Way Framework in Multiscale Information Systems. IEEE Transactions on Cybernetics, 2023, 53, 3988-4001.	9.5	35
7	The impact of COVID-19 on the service business industry: insights from a bibliometric review. Total Quality Management and Business Excellence, 2023, 34, 580-614.	3.8	4
8	A probabilistic linguistic thermodynamic method based on the water-filling algorithm and regret theory for emergency decision making. Economic Research-Ekonomska Istrazivanja, 2023, 36, .	4.7	1
9	A hesitant fuzzy SMART method based on a new score function for information literacy assessment of teachers. Economic Research-Ekonomska Istrazivanja, 2023, 36, 357-382.	4.7	4
10	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.	3.9	2
11	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.	4.7	1
12	Two Integral Models and Applications of Hesitant Fuzzy Information Fusion. IEEE Transactions on Fuzzy Systems, 2023, 31, 25-39.	9.8	0
13	A Heterogeneous Regret-Theory-Based Method With Choquet Integral to Multiattribute Reverse Auction. IEEE Transactions on Engineering Management, 2022, 69, 2248-2259.	3.5	13
14	Decision-Making Models Based on Incomplete Hesitant Fuzzy Linguistic Preference Relation With Application to Site Selection of Hydropower Stations. IEEE Transactions on Engineering Management, 2022, 69, 904-915.	3.5	13
15	The Fusion of Deep Learning and Fuzzy Systems: A State-of-the-Art Survey. IEEE Transactions on Fuzzy Systems, 2022, 30, 2783-2799.	9.8	28
16	A comprehensive bibliometric analysis of financial innovation. Economic Research-Ekonomska Istrazivanja, 2022, 35, 367-390.	4.7	29
17	Multi-attribute strict two-sided matching methods with interval-valued preference ordinal information. Journal of Experimental and Theoretical Artificial Intelligence, 2022, 34, 545-569.	2.8	6
18	The DEMATELâ€"COPRAS hybrid method under probabilistic linguistic environment and its application in Third Party Logistics provider selection. Fuzzy Optimization and Decision Making, 2022, 21, 137-156.	5.5	31

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19	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.	5.3	2
20	Ranking Tourist Attractions through Online Reviews: A Novel Method with Intuitionistic and Hesitant Fuzzy Information Based on Sentiment Analysis. International Journal of Fuzzy Systems, 2022, 24, 755-777.	4.0	29
21	Large-scale consensus with endo-confidence under probabilistic linguistic circumstance and its application. Economic Research-Ekonomska Istrazivanja, 2022, 35, 2039-2072.	4.7	4
22	Foreign direct investment and economic growth: a dynamic study of measurement approaches and results. Economic Research-Ekonomska Istrazivanja, 2022, 35, 1011-1034.	4.7	28
23	A continuous interval-valued double hierarchy linguistic GLDS method and its application in performance evaluation of bus companies. Applied Intelligence, 2022, 52, 4511-4526.	5.3	14
24	Multiple attribute decision-making method based on projection model for dual hesitant fuzzy set. Fuzzy Optimization and Decision Making, 2022, 21, 263-289.	5.5	12
25	A Novel Hybrid Fuzzy DEA-Fuzzy ARAS Method for Prioritizing High-Performance Innovation-Oriented Human Resource Practices in High Tech SMEâ€™s. International Journal of Fuzzy Systems, 2022, 24, 883-908.	4.0	16
26	Does Intuitionistic Fuzzy Analytic Hierarchy Process Work Better Than Analytic Hierarchy Process?. International Journal of Fuzzy Systems, 2022, 24, 909-924.	4.0	18
27	Continuous Exp Strategy for Consumer Preference Analysis Based on Online Ratings. IEEE Transactions on Fuzzy Systems, 2022, 30, 2621-2633.	9.8	4
28	Consensus reaching with the externality effect of social network for three-way group decisions. Annals of Operations Research, 2022, 315, 707-745.	4.1	17
29	Loss Function Information Fusion and Decision Rule Deduction of Three-Way Decision by Constructing Interval-Valued q-Rung Orthopair Fuzzy Integral. IEEE Transactions on Fuzzy Systems, 2022, 30, 3645-3660.	9.8	14
30	Time-Varying Intuitionistic Fuzzy Integral for Emergency Materials Demand Prediction With Case-Based Reasoning. IEEE Transactions on Fuzzy Systems, 2022, 30, 3617-3632.	9.8	4
31	A process-oriented probabilistic linguistic decision-making model with unknown attribute weights. Knowledge-Based Systems, 2022, 235, 107594.	7.1	18
32	Green supplier selection based on probabilistic dual hesitant fuzzy sets: A process integrating best worst method and superiority and inferiority ranking. Applied Intelligence, 2022, 52, 8279-8301.	5.3	15
33	Integral Aggregations of Continuous Probabilistic Hesitant Fuzzy Sets. IEEE Transactions on Fuzzy Systems, 2022, 30, 676-686.	9.8	6
34	Matrix game-based approach for MADM with probabilistic triangular intuitionistic hesitant fuzzy information and its application. Computers and Industrial Engineering, 2022, 163, 107787.	6.3	17
35	The Criterion-Oriented Three-Way Ranking and Clustering Strategies in Fuzzy Decision Environments. IEEE Transactions on Fuzzy Systems, 2022, 30, 3841-3856.	9.8	24
36	Three-way group consensus decision based on hierarchical social network consisting of decision makers and participants. Information Sciences, 2022, 585, 289-312.	6.9	30

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37	The Interval probabilistic double hierarchy linguistic EDAS method based on natural language processing basic techniques and its application to hotel online reviews. International Journal of Machine Learning and Cybernetics, 2022, 13, 1517-1534.	3.6	10
38	A three-way decision approach with risk strategies in hesitant fuzzy decision information systems. Information Sciences, 2022, 588, 293-314.	6.9	16
39	Structure, trend and prospect of operational research: a scientific analysis for publications from 1952 to 2020 included in Web of Science database. Fuzzy Optimization and Decision Making, 2022, 21, 649-672.	5.5	6
40	A BIBLIOMETRIC ANALYSIS OF NATURAL DISASTERS AND BUSINESS MANAGEMENT IN TOURISM. Journal of Business Economics and Management, 2022, 23, 305-326.	2.4	13
41	Advantage matrix: two novel multi-attribute decision-making methods and their applications. Artificial Intelligence Review, 2022, 55, 4463-4484.	15.7	5
42	Research on K-medoids Algorithm with Probabilistic-based Expressions and Its Applications. Applied Intelligence, 2022, 52, 12016-12033.	5.3	1
43	Sustainable Process Selection Using a Hybrid Fuzzy DEMATEL and Fuzzy Inference System. International Journal of Fuzzy Systems, 2022, 24, 1232-1249.	4.0	1
44	The Journal Buildings: A Bibliometric Analysis (2011–2021). Buildings, 2022, 12, 37.	3.1	12
45	Cognitively Inspired Multi-attribute Decision-making Methods Under Uncertainty: a State-of-the-art Survey. Cognitive Computation, 2022, 14, 511-530.	5.2	4
46	A Bibliometric Study and Science Mapping Research of Intelligent Decision. Cognitive Computation, 2022, 14, 989-1008.	5.2	7
47	Review of fuzzy investment research considering modelling environment and element fusion. International Journal of Systems Science, 2022, 53, 1958-1982.	5.5	3
48	An overview of probabilistic preference decision-making based on bibliometric analysis. Applied Intelligence, 2022, 52, 15368-15386.	5.3	5
49	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.	5.3	1
50	Predicting the effectiveness of interventions on population-level sodium reduction: A simulation modeling study. Health Science Reports, 2022, 5, e540.	1.5	3
51	A look at the focus shift in innovation literature due to Covid-19 pandemic. Journal of Business Research, 2022, 145, 1-20.	10.2	20
52	Knowledge Diffusion Trajectories in the Hesitant Fuzzy Domain in the Past Decade: A Citation-Based Analysis. International Journal of Fuzzy Systems, 2022, 24, 2382-2396.	4.0	6
53	The Dual-Fuzzy Convolutional Neural Network to Deal With Handwritten Image Recognition. IEEE Transactions on Fuzzy Systems, 2022, 30, 5225-5236.	9.8	5
54	Granular computing and optimization model-based method for large-scale group decision-making and its application. Economic Research-Ekonomska Istrazivanja, 2022, 35, 5221-5252.	4.7	1

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55	Regret Theory-Based Three-Way Decision Model in Hesitant Fuzzy Environments and Its Application to Medical Decision. IEEE Transactions on Fuzzy Systems, 2022, 30, 5361-5375.	9.8	57
56	Novel operations of weighted hesitant fuzzy sets and their group decision making application. AIMS Mathematics, 2022, 7, 14117-14138.	1.6	2
57	EVALUATION OF GOVERNMENT INVESTMENT USING NESTED PROBABILISTIC LINGUISTIC PREFERENCE RELATIONS BASED ON GRAPH THEORY. Technological and Economic Development of Economy, 2022, 28, 831-853.	4.6	3
58	Sustainable Tourism Research Progress. Tourism, 2022, 70, 493-511.	0.9	2
59	Dual Locality-Based Flash Translation Layer for NAND Flash-Based Consumer Electronics. IEEE Transactions on Consumer Electronics, 2022, 68, 281-290.	3.6	17
60	Multiplicative consistency of linguistic preference relations with weakened hedges. Journal of Intelligent and Fuzzy Systems, 2022, 43, 5817-5832.	1.4	1
61	An endo-confidence-based consensus with hierarchical clustering and automatic feedback in multi-attribute large-scale group decision-making. Information Sciences, 2022, 608, 1702-1730.	6.9	14
62	Multiplicative Integral Theory of Generalized Orthopair Fuzzy Sets and Its Applications. Journal of Systems Science and Systems Engineering, 2022, 31, 457-479.	1.6	1
63	A three-way decision method with prospect theory to multi-attribute decision-making and its applications under hesitant fuzzy environments. Applied Soft Computing Journal, 2022, 126, 109283.	7.2	31
64	An Innovative Indicator System and Group Decision Framework for Assessing Sustainable Development Enterprises. Group Decision and Negotiation, 2021, 30, 1201-1238.	3.3	11
65	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.	3.4	125
66	Opinion dynamics based on infectious disease transmission model in the non-connected context of Pythagorean fuzzy trust relationship. Journal of the Operational Research Society, 2021, 72, 2783-2803.	3.4	6
67	Determining consensus thresholds for group decision making with preference relations. Journal of the Operational Research Society, 2021, 72, 2290-2300.	3.4	14
68	The evaluation of mobile health apps: A psychological perception-based probabilistic linguistic belief thermodynamic multiple attribute decision making method. Journal of the Operational Research Society, 2021, 72, 2596-2610.	3.4	15
69	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.	9.8	9
70	Consensus Model Handling Minority Opinions and Noncooperative Behaviors in Large-Scale Group Decision-Making Under Double Hierarchy Linguistic Preference Relations. IEEE Transactions on Cybernetics, 2021, 51, 283-296.	9.5	105
71	Q-Rung Orthopair Fuzzy Integrals in the Frame of Continuous Archimedean T-Norms and T-Conorms and Their Application. IEEE Transactions on Fuzzy Systems, 2021, 29, 996-1007.	9.8	23
72	Developing the comparison techniques of probabilistic hesitant fuzzy elements in multiple criteria decision making. Soft Computing, 2021, 25, 331-342.	3.6	6

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73	Series based on the new order in intuitionistic fuzzy environment. Journal of Intelligent and Fuzzy Systems, 2021, 40, 319-330.	1.4	1
74	An Interval-Valued Best–"Worst Method with Normal Distribution for Multi-criteria Decision-Making. Arabian Journal for Science and Engineering, 2021, 46, 1771-1785.	3.0	26
75	A comprehensive bibliometric analysis of uncertain group decision making from 1980 to 2019. Information Sciences, 2021, 547, 328-353.	6.9	64
76	A Novel Two-Stage Multi-Criteria Decision-Making Method Based on Interval-Valued Pythagorean Fuzzy Aggregation Operators with Self-Confidence Levels. Arabian Journal for Science and Engineering, 2021, 46, 1561-1584.	3.0	10
77	Managing consensus reaching process with self-confident double hierarchy linguistic preference relations in group decision making. Fuzzy Optimization and Decision Making, 2021, 20, 51-79.	5.5	31
78	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.	3.6	17
79	An improved TODIM method based on the hesitant fuzzy psychological distance measure. International Journal of Machine Learning and Cybernetics, 2021, 12, 973-985.	3.6	6
80	Are family firms in the eyes of economic policy?. International Entrepreneurship and Management Journal, 2021, 17, 1233-1259.	5.0	9
81	An inverse prospect theory-based algorithm in extended incomplete additive probabilistic linguistic preference relation environment and its application in financial products selection. Fuzzy Optimization and Decision Making, 2021, 20, 397-428.	5.5	12
82	Score function based on concentration degree for probabilistic linguistic term sets: An application to TOPSIS and VIKOR. Information Sciences, 2021, 551, 270-290.	6.9	126
83	Pythagorean fuzzy C–means algorithm for image segmentation. International Journal of Intelligent Systems, 2021, 36, 1223-1243.	5.7	20
84	A novel process to determine consensus thresholds and its application in probabilistic linguistic group decision-making. Expert Systems With Applications, 2021, 168, 114315.	7.6	21
85	A measure of probabilistic hesitant I–fuzzy sets and decision makings for strategy choice. International Journal of Intelligent Systems, 2021, 36, 1244-1269.	5.7	4
86	Double hierarchy linguistic term set and its extensions: The state–of–the–art survey. International Journal of Intelligent Systems, 2021, 36, 832-865.	5.7	23
87	Probabilistic Linguistic Term Envelopment Analysis Model. International Journal of Fuzzy Systems, 2021, 23, 262-279.	4.0	4
88	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.	5.3	19
89	The impact of poverty cycles on economic research: evidence from econometric analysis. Economic Research-Ekonomska Istrazivanja, 2021, 34, 152-171.	4.7	21
90	Interval Consistency Repairing Method for Double Hierarchy Hesitant Fuzzy Linguistic Preference Relation and Application in the Diagnosis of Lung Cancer. Economic Research-Ekonomska Istrazivanja, 2021, 34, 1-20.	4.7	25

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91	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.	5.3	17
92	Risk interval-valued three-way decisions model with regret theory and its application to project resource allocation. Journal of the Operational Research Society, 2021, 72, 180-199.	3.4	36
93	A decision-making framework based on prospect theory with probabilistic linguistic term sets. Journal of the Operational Research Society, 2021, 72, 879-888.	3.4	25
94	A Consensus Model for Hesitant Fuzzy Linguistic Preference Relation Based on Consistency Driven. Studies in Fuzziness and Soft Computing, 2021, , 111-126.	0.8	1
95	A Thermodynamic Method for Hesitant Fuzzy Decision Making Based on Prospect Theory. Studies in Fuzziness and Soft Computing, 2021, , 45-62.	0.8	0
96	DEA cross-efficiency framework for efficiency evaluation with probabilistic linguistic term sets. Journal of the Operational Research Society, 2021, 72, 1191-1206.	3.4	11
97	Analysis of Collaboration Evolution in AHP Research: 1982â€"2018. International Journal of Information Technology and Decision Making, 2021, 20, 7-36.	3.9	120
98	QUALIFLEX Based on PT with Probabilistic Linguistic Information. Uncertainty and Operations Research, 2021, , 31-48.	0.1	0
99	An Overview on Recent Researches of Uncertain Group Decision Making: Methodology, Framework and Development. International Journal of Information Technology and Decision Making, 2021, 20, 165-198.	3.9	5
100	AN OVERVIEW OF A LEADER JOURNAL IN THE FIELD OF TRANSPORT: A BIBLIOMETRIC ANALYSIS OF â€œCOMPUTER-AIDED CIVIL AND INFRASTRUCTURE ENGINEERINGâ€•FROM 2000 TO 2019. Transport, 2021, 35, 557-575.	1.2	7
101	Group Decisions with Intuitionistic Fuzzy Sets. , 2021, , 977-995.		4
102	Consensus model based on probability K-means clustering algorithm for large scale group decision making. International Journal of Machine Learning and Cybernetics, 2021, 12, 1609-1626.	3.6	30
103	Sparse portfolio selection with uncertain probability distribution. Applied Intelligence, 2021, 51, 6665-6684.	5.3	9
104	Simple noncooperative games with intuitionistic fuzzy information and application in ecological management. Applied Intelligence, 2021, 51, 6685-6697.	5.3	7
105	Dynamic reference point method with probabilistic linguistic information based on the regret theory for public health emergency decision-making. Economic Research-Ekonomska Istrazivanja, 2021, 34, 3355-3381.	4.7	16
106	A multidimensional decision with nested probabilistic linguistic term sets and its application in corporate investment. Economic Research-Ekonomska Istrazivanja, 2021, 34, 3382-3400.	4.7	11
107	Low-Carbon Supply Chain Emission Reduction Strategy Considering the Supervision of Downstream Enterprises Based on Evolutionary Game Theory. Sustainability, 2021, 13, 2827.	3.2	13
108	Probabilistic hesitant fuzzy TOPSIS emergency decision-making method based on the cumulative prospect theory. Journal of Intelligent and Fuzzy Systems, 2021, 40, 4367-4383.	1.4	25

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109	An overview of ARAS method: Theory development, application extension, and future challenge. International Journal of Intelligent Systems, 2021, 36, 3524-3565.	5.7	38
110	The optimized GRNN based on the FDS-FOA under the hesitant fuzzy environment and its application in air quality index prediction. Applied Intelligence, 2021, 51, 8365-8376.	5.3	13
111	Probabilistic reliable linguistic term sets applied to investment project selection with the gained and lost dominance score method. International Journal of Machine Learning and Cybernetics, 2021, 12, 2163-2183.	3.6	5
112	ADVANCES IN FUZZY TECHNIQUES AND APPLICATIONS: IN OCCASION OF LOTFI ZADEH 100 BIRTH ANNIVERSARY. Technological and Economic Development of Economy, 2021, 27, 280-283.	4.6	1
113	A probabilistic linguistic evaluation-based multi-stage medical scheme selection process related to referral system. Expert Systems With Applications, 2021, 170, 114523.	7.6	8
114	Managing noncooperative behaviors in large-scale group decision-making with linguistic preference orderings: The application in Internet Venture Capital. Information Fusion, 2021, 69, 142-155.	19.1	45
115	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.	5.7	3
116	Conversion-based aggregation algorithms for linear ordinal rankings combined with granular computing. Knowledge-Based Systems, 2021, 219, 106880.	7.1	4
117	Caching-Aware Garbage Collection to Improve Performance and Lifetime for NAND Flash SSDs. IEEE Transactions on Consumer Electronics, 2021, 67, 141-148.	3.6	14
118	The research on COVID-19 and economy from 2019 to 2020: analysis from the perspective of bibliometrics. Oeconomia Copernicana, 2021, 12, 217-268.	6.0	38
119	Group decision making with hesitant fuzzy linguistic preference relations based on modified extent measurement. Expert Systems With Applications, 2021, 171, 114235.	7.6	32
120	A multi-attribute decision-making framework for Chinese medicine medical diagnosis with correlation measures under double hierarchy hesitant fuzzy linguistic environment. Computers and Industrial Engineering, 2021, 156, 107243.	6.3	10
121	Hesitant Mahalanobis distance with applications to estimating the optimal number of clusters. International Journal of Intelligent Systems, 2021, 36, 5264-5306.	5.7	4
122	A mixed 0-1 programming approach for multiple attribute strategic weight manipulation based on uncertainty theory. Journal of Intelligent and Fuzzy Systems, 2021, 41, 6739-6754.	1.4	10
123	Intuitionistic Fuzzy Three-Factor Ratio Models and Multi-preference Fusion. Cognitive Computation, 2021, 13, 1246.	5.2	0
124	Threeâ€way decisions based on some Hamacher aggregation operators under double hierarchy linguistic environment. International Journal of Intelligent Systems, 2021, 36, 7731-7753.	5.7	20
125	A NOVEL DECISION-MAKING FRAMEWORK BASED ON PROBABILISTIC LINGUISTIC TERM SET FOR SELECTING SUSTAINABLE SUPPLIER CONSIDERING SOCIAL CREDIT. Technological and Economic Development of Economy, 2021, 27, 1447-1480.	4.6	7
126	A comprehensive bibliometric analysis of entrepreneurship and crisis literature published from 1984 to 2020. Journal of Business Research, 2021, 135, 304-318.	10.2	67

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127	Service networks for sustainable business: A dynamic evolution analysis over half a century. Journal of Business Research, 2021, 136, 543-557.	10.2	31
128	A novel approach of three-way decisions with information interaction strategy for intelligent decision making under uncertainty. Information Sciences, 2021, 581, 106-135.	6.9	17
129	The risk assessment of construction project investment based on prospect theory with linguistic preference orderings. Economic Research-Ekonomska Istrazivanja, 2021, 34, 709-731.	4.7	29
130	A Priority Programming Model for Hesitant Fuzzy Linguistic Preference Relation. Studies in Fuzziness and Soft Computing, 2021, , 81-98.	0.8	0
131	A novel order evaluation model with nested probabilistic-numerical linguistic information applied to traditional order grabbing mode. Applied Intelligence, 2021, 51, 4470-4489.	5.3	2
132	Work Resumption After Epidemic Using Three-Way Decisions. International Journal of Fuzzy Systems, 2021, 23, 630-641.	4.0	14
133	50 Years of international journal of systems science: a review of the past and trends for the future. International Journal of Systems Science, 2021, 52, 1515-1538.	5.5	21
134	FINANCIAL CYCLES IN THE ECONOMY AND IN ECONOMIC RESEARCH: A CASE STUDY IN CHINA. Technological and Economic Development of Economy, 2021, 27, 1250-1279.	4.6	6
135	Insights into financial technology (FinTech): a bibliometric and visual study. Financial Innovation, 2021, 7, 69.	6.4	47
136	Double Hierarchy Linguistic Term Set and Its Extensions. Studies in Fuzziness and Soft Computing, 2021, , 1-21.	0.8	3
137	Group Consensus Decision-Making Methods with DHHFLPRs, LPOs and Self-confident DHLPRs. Studies in Fuzziness and Soft Computing, 2021, , 95-152.	0.8	0
138	Intuitionistic fuzzy two-sided matching model and its application to personnel-position matching problems. Journal of the Operational Research Society, 2020, 71, 312-321.	3.4	51
139	Tracking a Maneuvering Target by Multiple Sensors Using Extended Kalman Filter With Nested Probabilistic-Numerical Linguistic Information. IEEE Transactions on Fuzzy Systems, 2020, 28, 346-360.	9.8	25
140	Partitioned fuzzy measure-based linear assignment method for Pythagorean fuzzy multi-criteria decision-making with a new likelihood. Journal of the Operational Research Society, 2020, 71, 831-845.	3.4	21
141	Additive Integrals of q -Rung Orthopair Fuzzy Functions. IEEE Transactions on Cybernetics, 2020, 50, 4406-4419.	9.5	23
142	Multiplicative consistency analysis for qâ€rung orthopair fuzzy preference relation. International Journal of Intelligent Systems, 2020, 35, 38-71.	5.7	21
143	Assessment of traffic congestion with ORESTE method under double hierarchy hesitant fuzzy linguistic environment. Applied Soft Computing Journal, 2020, 86, 105864.	7.2	58
144	TODIM-based multi-criteria decision-making method with hesitant fuzzy linguistic term sets. Artificial Intelligence Review, 2020, 53, 3647-3671.	15.7	76

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145	MULTIMOORA based MCDM model for site selection of car sharing station under picture fuzzy environment. Sustainable Cities and Society, 2020, 53, 101873.	10.4	175
146	A novel distance-based multiple attribute decision-making with hesitant fuzzy sets. Soft Computing, 2020, 24, 5005-5017.	3.6	12
147	Envelopment Analysis, Preference Fusion, and Membership Improvement of Intuitionistic Fuzzy Numbers. IEEE Transactions on Fuzzy Systems, 2020, 28, 2119-2130.	9.8	12
148	Hesitancy degree-based correlation measures for hesitant fuzzy linguistic term sets and their applications in multiple criteria decision making. Information Sciences, 2020, 508, 275-292.	6.9	63
149	Limit Theory and Differential Calculus of Intuitionistic Fuzzy Functions With Several Variables. IEEE Transactions on Fuzzy Systems, 2020, 28, 3367-3375.	9.8	7
150	Bibliometric analysis of support vector machines research trend: a case study in China. International Journal of Machine Learning and Cybernetics, 2020, 11, 715-728.	3.6	66
151	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.	5.5	152
152	Hesitant Fuzzy Multiple Integrals for Information Aggregation. International Journal of Fuzzy Systems, 2020, 22, 668-685.	4.0	6
153	Distance‐based intuitionistic multiplicative multiple criteria decision‐making methods for healthcare management in West China Hospital. Expert Systems, 2020, 37, e12479.	4.5	9
154	Qualitative hesitant fuzzy group decision making: An additively consistent probability and consensus‐based perspective. Expert Systems, 2020, 37, e12510.	4.5	7
155	Probabilistic linguistic information fusion: A survey on aggregation operators in terms of principles, definitions, classifications, applications, and challenges. International Journal of Intelligent Systems, 2020, 35, 529-556.	5.7	50
156	Visualizing the Intellectual Structure of the Fuzzy Linguistic Knowledge Domain: A Bibliometric Analysis. International Journal of Fuzzy Systems, 2020, 22, 2397-2413.	4.0	3
157	An Inverse Prospect Theory Based-Approach for Linear Ordinal Ranking Aggregation with Its Application in Site Selection of Electric Vehicle Charging Station. , 2020, , .		1
158	Kernel Low-Rank Entropic Component Analysis for Hyperspectral Image Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 5682-5693.	4.9	4
159	Investment decision making based on the probabilistic hesitant financial data: model and empirical study. Economic Research-Ekonomska Istrazivanja, 2020, , 1-21.	4.7	2
160	Assessing economic losses of haze with uncertain probabilistic linguistic analytic hierarchy process. Journal of Intelligent and Fuzzy Systems, 2020, 39, 7547-7569.	1.4	1
161	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.	3.2	121
162	Integrations of Continuous Hesitant Fuzzy Information in Group Decision Making With a Case Study of Water Resources Emergency Management. IEEE Access, 2020, 8, 146134-146144.	4.2	4

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163	A Bibliometric Analysis of Symmetry (2009–2019). Symmetry, 2020, 12, 1304.	2.2	5
164	Hybrid TODIM Method with Crisp Number and Probability Linguistic Term Set for Urban Epidemic Situation Evaluation. Complexity, 2020, 2020, 1-11.	1.6	9
165	A Novel TODIM with Probabilistic Hesitant Fuzzy Information and Its Application in Green Supplier Selection. Complexity, 2020, 2020, 1-26.	1.6	18
166	Profit Allocations for Restricted Coalition With Hesitation Degrees in Cooperative Game Theory. IEEE Access, 2020, 8, 83105-83115.	4.2	3
167	Multiattribute social network matching with unknown weight and different risk preference. Journal of Intelligent and Fuzzy Systems, 2020, 38, 4031-4048.	1.4	7
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