

# Huchang Liao

## List of Publications by Year in descending order

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339  
papers

16,515  
citations

13818

67  
h-index

21393

115  
g-index

347  
all docs

347  
docs citations

347  
times ranked

7463  
citing authors

#	ARTICLE	IF	CITATIONS
1	Distance and similarity measures for hesitant fuzzy linguistic term sets and their application in multi-criteria decision making. <i>Information Sciences</i> , 2014, 271, 125-142.	7.2	521
2	Intuitionistic Fuzzy Analytic Hierarchy Process. <i>IEEE Transactions on Fuzzy Systems</i> , 2014, 22, 749-761.	10.5	414
3	Qualitative decision making with correlation coefficients of hesitant fuzzy linguistic term sets. <i>Knowledge-Based Systems</i> , 2015, 76, 127-138.	7.4	384
4	A Bibliometric Analysis and Visualization of Medical Big Data Research. <i>Sustainability</i> , 2018, 10, 166.	3.3	380
5	Hesitant Fuzzy Linguistic VIKOR Method and Its Application in Qualitative Multiple Criteria Decision Making. <i>IEEE Transactions on Fuzzy Systems</i> , 2015, 23, 1343-1355.	10.5	353
6	The state-of-the-art survey on integrations and applications of the best worst method in decision making: Why, what, what for and what's next?. <i>Omega</i> , 2019, 87, 205-225.	6.1	325
7	Probabilistic Linguistic MULTIMOORA: A Multicriteria Decision Making Method Based on the Probabilistic Linguistic Expectation Function and the Improved Borda Rule. <i>IEEE Transactions on Fuzzy Systems</i> , 2018, 26, 3688-3702.	10.5	303
8	Double hierarchy hesitant fuzzy linguistic term set and MULTIMOORA method: A case of study to evaluate the implementation status of haze controlling measures. <i>Information Fusion</i> , 2017, 38, 22-34.	19.9	287
9	Consistency-based risk assessment with probabilistic linguistic preference relation. <i>Applied Soft Computing Journal</i> , 2016, 49, 817-833.	7.4	279
10	A VIKOR-based method for hesitant fuzzy multi-criteria decision making. <i>Fuzzy Optimization and Decision Making</i> , 2013, 12, 373-392.	5.7	275
11	A consensus-based probabilistic linguistic gained and lost dominance score method. <i>European Journal of Operational Research</i> , 2019, 272, 1017-1027.	5.9	274
12	Approaches to manage hesitant fuzzy linguistic information based on the cosine distance and similarity measures for HFLTSS and their application in qualitative decision making. <i>Expert Systems With Applications</i> , 2015, 42, 5328-5336.	7.9	252
13	An approach to quality function deployment based on probabilistic linguistic term sets and ORESTE method for multi-expert multi-criteria decision making. <i>Information Fusion</i> , 2018, 43, 13-26.	19.9	251
14	MULTIPLICATIVE CONSISTENCY OF HESITANT FUZZY PREFERENCE RELATION AND ITS APPLICATION IN GROUP DECISION MAKING. <i>International Journal of Information Technology and Decision Making</i> , 2014, 13, 47-76.	3.7	224
15	A novel VIKOR approach based on entropy and divergence measures of Pythagorean fuzzy sets to evaluate renewable energy technologies in India. <i>Journal of Cleaner Production</i> , 2019, 238, 117936.	9.5	212
16	Hesitant fuzzy linguistic entropy and cross-entropy measures and alternative queuing method for multiple criteria decision making. <i>Information Sciences</i> , 2017, 388-389, 225-246.	7.2	206
17	Preference Relations Based on Intuitionistic Multiplicative Information. <i>IEEE Transactions on Fuzzy Systems</i> , 2013, 21, 113-133.	10.5	194
18	Hesitant Fuzzy Linguistic Term Set and Its Application in Decision Making: A State-of-the-Art Survey. <i>International Journal of Fuzzy Systems</i> , 2018, 20, 2084-2110.	4.0	192

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19	A consensus process for group decision making with probabilistic linguistic preference relations. <i>Information Sciences</i> , 2017, 414, 260-275.	7.2	189
20	A review of greenhouse gas emission profiles, dynamics, and climate change mitigation efforts across the key climate change players. <i>Journal of Cleaner Production</i> , 2019, 234, 1113-1133.	9.5	182
21	An overview of MULTIMOORA for multi-criteria decision-making: Theory, developments, applications, and challenges. <i>Information Fusion</i> , 2019, 51, 145-177.	19.9	179
22	A linear programming method for multiple criteria decision making with probabilistic linguistic information. <i>Information Sciences</i> , 2017, 415-416, 341-355.	7.2	174
23	Priorities of Intuitionistic Fuzzy Preference Relation Based on Multiplicative Consistency. <i>IEEE Transactions on Fuzzy Systems</i> , 2014, 22, 1669-1681.	10.5	172
24	An intuitionistic fuzzy multiplicative best-worst method for multi-criteria group decision making. <i>Information Sciences</i> , 2016, 374, 224-239.	7.2	169
25	Multiple criteria decision making based on Bonferroni means with hesitant fuzzy linguistic information. <i>Soft Computing</i> , 2017, 21, 6515-6529.	3.8	168
26	From conventional group decision making to large-scale group decision making: What are the challenges and how to meet them in big data era? A state-of-the-art survey. <i>Omega</i> , 2021, 100, 102141.	6.1	158
27	A survey of decision-making methods with probabilistic linguistic information: bibliometrics, preliminaries, methodologies, applications and future directions. <i>Fuzzy Optimization and Decision Making</i> , 2020, 19, 81-134.	5.7	156
28	Adaptive consensus reaching process with hybrid strategies for large-scale group decision making. <i>European Journal of Operational Research</i> , 2020, 282, 957-971.	5.9	155
29	Novel correlation coefficients between hesitant fuzzy sets and their application in decision making. <i>Knowledge-Based Systems</i> , 2015, 82, 115-127.	7.4	154
30	A Bibliometric Analysis of Fuzzy Decision Research During 1970â€“2015. <i>International Journal of Fuzzy Systems</i> , 2017, 19, 1-14.	4.0	154
31	Score-HeDLISF: A score function of hesitant fuzzy linguistic term set based on hesitant degrees and linguistic scale functions: An application to unbalanced hesitant fuzzy linguistic MULTIMOORA. <i>Information Fusion</i> , 2019, 48, 39-54.	19.9	149
32	ELECTRE II method to deal with probabilistic linguistic term sets and its application to edge computing. <i>Nonlinear Dynamics</i> , 2019, 96, 2125-2143.	5.3	145
33	Probabilistic double hierarchy linguistic term set and its use in designing an improved VIKOR method: The application in smart healthcare. <i>Journal of the Operational Research Society</i> , 2021, 72, 2611-2630.	3.4	141
34	A survey of approaches to decision making with intuitionistic fuzzy preference relations. <i>Knowledge-Based Systems</i> , 2015, 80, 131-142.	7.4	139
35	Two new approaches based on ELECTRE II to solve the multiple criteria decision making problems with hesitant fuzzy linguistic term sets. <i>Applied Soft Computing Journal</i> , 2018, 63, 223-234.	7.4	133
36	Multi-criteria decision making with intuitionistic fuzzy PROMETHEE. <i>Journal of Intelligent and Fuzzy Systems</i> , 2014, 27, 1703-1717.	1.6	131

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37	Novel operations of PLTSs based on the disparity degrees of linguistic terms and their use in designing the probabilistic linguistic ELECTRE III method. <i>Applied Soft Computing Journal</i> , 2019, 80, 450-464.	7.4	129
38	A comprehensive overview of smart wearables: The state of the art literature, recent advances, and future challenges. <i>Engineering Applications of Artificial Intelligence</i> , 2020, 90, 103529.	8.3	129
39	A GREY COMBINED COMPROMISE SOLUTION (COCOSO-G) METHOD FOR SUPPLIER SELECTION IN CONSTRUCTION MANAGEMENT. <i>Journal of Civil Engineering and Management</i> , 2019, 25, 858-874.	3.5	125
40	DNMA: A double normalization-based multiple aggregation method for multi-expert multi-criteria decision making. <i>Omega</i> , 2020, 94, 102058.	6.1	117
41	Ordinal consensus measure with objective threshold for heterogeneous large-scale group decision making. <i>Knowledge-Based Systems</i> , 2019, 180, 62-74.	7.4	116
42	Framework of Group Decision Making With Intuitionistic Fuzzy Preference Information. <i>IEEE Transactions on Fuzzy Systems</i> , 2015, 23, 1211-1227.	10.5	114
43	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.	10.1	114
44	An enhanced consensus reaching process in group decision making with intuitionistic fuzzy preference relations. <i>Information Sciences</i> , 2016, 329, 274-286.	7.2	111
45	Subtraction and division operations over hesitant fuzzy sets. <i>Journal of Intelligent and Fuzzy Systems</i> , 2014, 27, 65-72.	1.6	108
46	Ten Years of Sustainability (2009 to 2018): A Bibliometric Overview. <i>Sustainability</i> , 2018, 10, 1655.	3.3	107
47	An interval-valued intuitionistic fuzzy DEMATEL method combined with Choquet integral for sustainable solid waste management. <i>Engineering Applications of Artificial Intelligence</i> , 2019, 82, 207-215.	8.3	106
48	Visualization and quantitative research on intuitionistic fuzzy studies. <i>Journal of Intelligent and Fuzzy Systems</i> , 2016, 30, 3653-3663.	1.6	103
49	Hospital performance evaluation by a hesitant fuzzy linguistic best worst method with inconsistency repairing. <i>Journal of Cleaner Production</i> , 2019, 232, 657-671.	9.5	102
50	Expected consistency-based emergency decision making with incomplete probabilistic linguistic preference relations. <i>Knowledge-Based Systems</i> , 2019, 176, 15-28.	7.4	102
51	Extended Pythagorean Fuzzy TOPSIS Method Based on Similarity Measure for Sustainable Recycling Partner Selection. <i>International Journal of Fuzzy Systems</i> , 2020, 22, 735-747.	4.0	96
52	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.	6.5	93
53	Consistency of the fused intuitionistic fuzzy preference relation in group intuitionistic fuzzy analytic hierarchy process. <i>Applied Soft Computing Journal</i> , 2015, 35, 812-826.	7.4	87
54	Bibliometric analysis for highly cited papers in operations research and management science from 2008 to 2017 based on Essential Science Indicators. <i>Omega</i> , 2019, 88, 223-236.	6.1	83

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55	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.	7.4	82
56	A prospect theory-based group decision approach considering consensus for portfolio selection with hesitant fuzzy information. <i>Knowledge-Based Systems</i> , 2019, 168, 28-38.	7.4	81
57	A multi-stage multi-criteria hierarchical decision-making approach for sustainable supplier selection. <i>Applied Soft Computing Journal</i> , 2020, 94, 106456.	7.4	81
58	Water security evaluation based on the TODIM method with probabilistic linguistic term sets. <i>Soft Computing</i> , 2019, 23, 6215-6230.	3.8	80
59	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.	1.6	78
60	An integrated approach to multiple criteria decision making based on the average solution and normalized weights of criteria deduced by the hesitant fuzzy best worst method. <i>Computers and Industrial Engineering</i> , 2019, 133, 83-94.	6.5	78
61	A graph based group decision making approach with intuitionistic fuzzy preference relations. <i>Computers and Industrial Engineering</i> , 2017, 110, 138-150.	6.5	77
62	Measures of Probabilistic Interval-Valued Intuitionistic Hesitant Fuzzy Sets and the Application in Reducing Excessive Medical Examinations. <i>IEEE Transactions on Fuzzy Systems</i> , 2018, 26, 1651-1670.	10.5	76
63	An emergency decision making method based on the multiplicative consistency of probabilistic linguistic preference relations. <i>International Journal of Machine Learning and Cybernetics</i> , 2019, 10, 1613-1629.	3.7	74
64	Generalized Z-numbers with hesitant fuzzy linguistic information and its application to medicine selection for the patients with mild symptoms of the COVID-19. <i>Computers and Industrial Engineering</i> , 2020, 145, 106517.	6.5	74
65	A multi-criteria decision making method based on DNMA and CRITIC with linguistic D numbers for blockchain platform evaluation. <i>Engineering Applications of Artificial Intelligence</i> , 2021, 101, 104200.	8.3	73
66	A continuous interval-valued linguistic ORESTE method for multi-criteria group decision making. <i>Knowledge-Based Systems</i> , 2018, 153, 65-77.	7.4	71
67	A New Hesitant Fuzzy Linguistic ORESTE Method for Hybrid Multicriteria Decision Making. <i>IEEE Transactions on Fuzzy Systems</i> , 2018, 26, 3793-3807.	10.5	71
68	Unbalanced double hierarchy linguistic term set: The TOPSIS method for multi-expert qualitative decision making involving green mine selection. <i>Information Fusion</i> , 2019, 51, 271-286.	19.9	71
69	Managing minority opinions in micro-grid planning by a social network analysis-based large scale group decision making method with hesitant fuzzy linguistic information. <i>Knowledge-Based Systems</i> , 2020, 189, 105060.	7.4	71
70	A hierarchical consensus reaching process for group decision making with noncooperative behaviors. <i>European Journal of Operational Research</i> , 2021, 293, 632-642.	5.9	71
71	A Dynamic Reference Point Method for Emergency Response Under Hesitant Probabilistic Fuzzy Environment. <i>International Journal of Fuzzy Systems</i> , 2017, 19, 1261-1278.	4.0	69
72	Interval MULTIMOORA Method Integrating Interval Borda Rule and Interval Best-Worst-Method-Based Weighting Model: Case Study on Hybrid Vehicle Engine Selection. <i>IEEE Transactions on Cybernetics</i> , 2020, 50, 1157-1169.	10.1	69

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73	Intuitionistic Fuzzy Hybrid Weighted Aggregation Operators. <i>International Journal of Intelligent Systems</i> , 2014, 29, 971-993.	5.8	68
74	Extended hesitant fuzzy hybrid weighted aggregation operators and their application in decision making. <i>Soft Computing</i> , 2015, 19, 2551-2564.	3.8	68
75	Intuitionistic multiplicative analytic hierarchy process in group decision making. <i>Computers and Industrial Engineering</i> , 2016, 101, 513-524.	6.5	68
76	Group decision making with double hierarchy hesitant fuzzy linguistic preference relations: Consistency based measures, index and repairing algorithms and decision model. <i>Information Sciences</i> , 2019, 489, 93-112.	7.2	68
77	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.	7.2	68
78	Severity assessment of chronic obstructive pulmonary disease based on hesitant fuzzy linguistic COPRAS method. <i>Applied Soft Computing Journal</i> , 2018, 69, 60-71.	7.4	66
79	Multiplicative consistency of interval-valued intuitionistic fuzzy preference relation. <i>Journal of Intelligent and Fuzzy Systems</i> , 2014, 27, 2969-2985.	1.6	64
80	A Deng-Entropy-Based Evidential Reasoning Approach for Multi-expert Multi-criterion Decision-Making with Uncertainty. <i>International Journal of Computational Intelligence Systems</i> , 2020, 13, 1281.	2.7	63
81	Profile of developments in biomass-based bioenergy research: a 20-year perspective. <i>Scientometrics</i> , 2014, 99, 507-521.	3.1	62
82	Intuitionistic Fuzzy Analytic Network Process. <i>IEEE Transactions on Fuzzy Systems</i> , 2018, 26, 2578-2590.	10.5	62
83	Hesitant fuzzy linguistic projection model to multi-criteria decision making for hospital decision support systems. <i>Computers and Industrial Engineering</i> , 2018, 115, 449-458.	6.5	62
84	A Multigranularity Linguistic Group Decision-Making Method Based on Hesitant 2-Tuple Sets. <i>International Journal of Intelligent Systems</i> , 2016, 31, 612-634.	5.8	61
85	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.	2.2	60
86	The Multiplicative Consistency Index of Hesitant Fuzzy Preference Relation. <i>IEEE Transactions on Fuzzy Systems</i> , 2016, 24, 82-93.	10.5	60
87	An integrated method for cognitive complex multiple experts multiple criteria decision making based on ELECTRE III with weighted Borda rule. <i>Omega</i> , 2020, 93, 102052.	6.1	60
88	How to process local and global consensus? A large-scale group decision making model based on social network analysis with probabilistic linguistic information. <i>Information Sciences</i> , 2021, 579, 368-387.	7.2	59
89	A multi-stage method to predict carbon dioxide emissions using dimensionality reduction, clustering, and machine learning techniques. <i>Journal of Cleaner Production</i> , 2020, 275, 122942.	9.5	57
90	Generalised probabilistic linguistic evidential reasoning approach for multi-criteria decision-making under uncertainty. <i>Journal of the Operational Research Society</i> , 2021, 72, 130-144.	3.4	57

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91	A Bibliometric Overview and Visualization of the International Journal of Fuzzy Systems Between 2007 and 2017. <i>International Journal of Fuzzy Systems</i> , 2018, 20, 1403-1422.	4.0	56
92	Green Logistic Provider Selection with a Hesitant Fuzzy Linguistic Thermodynamic Method Integrating Cumulative Prospect Theory and PROMETHEE. <i>Sustainability</i> , 2018, 10, 1291.	3.3	56
93	A Dynamic Adaptive Subgroup-to-Subgroup Compatibility-Based Conflict Detection and Resolution Model for Multicriteria Large-Scale Group Decision Making. <i>IEEE Transactions on Cybernetics</i> , 2021, 51, 4784-4795.	10.1	56
94	Distance-based intuitionistic multiplicative MULTIMOORA method integrating a novel weight-determining method for multiple criteria group decision making. <i>Computers and Industrial Engineering</i> , 2019, 131, 82-98.	6.5	55
95	A Hybrid Method with TOPSIS and Machine Learning Techniques for Sustainable Development of Green Hotels Considering Online Reviews. <i>Sustainability</i> , 2019, 11, 6013.	3.3	54
96	A likelihood-based multi-criteria sustainable supplier selection approach with complex preference information. <i>Information Sciences</i> , 2020, 536, 135-155.	7.2	53
97	An ordinal consistency-based group decision making process with probabilistic linguistic preference relation. <i>Information Sciences</i> , 2018, 467, 179-198.	7.2	52
98	Selection third-party logistics service providers in supply chain finance by a hesitant fuzzy linguistic combined compromise solution method. <i>Economic Research-Ekonomiska Istrazivanja</i> , 2019, 32, 4033-4058.	4.2	52
99	Cold Chain Logistics Management of Medicine with an Integrated Multi-Criteria Decision-Making Method. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4843.	2.7	51
100	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.	5.8	51
101	Multi-attribute large-scale group decision making with data mining and subgroup leaders: An application to the development of the circular economy. <i>Technological Forecasting and Social Change</i> , 2021, 167, 120719.	11.9	51
102	A thermodynamic method of intuitionistic fuzzy MCDM to assist the hierarchical medical system in China. <i>Information Sciences</i> , 2017, 420, 490-504.	7.2	48
103	Additive consistency-based priority-generating method of $\langle i \rangle q \langle /i \rangle$ -rung orthopair fuzzy preference relation. <i>International Journal of Intelligent Systems</i> , 2019, 34, 2151-2176.	5.8	47
104	Generic Disjunctive Belief-Rule-Base Modeling, Inferencing, and Optimization. <i>IEEE Transactions on Fuzzy Systems</i> , 2019, 27, 1866-1880.	10.5	47
105	A consensus model to manage the non-cooperative behaviors of individuals in uncertain group decision making problems during the COVID-19 outbreak. <i>Applied Soft Computing Journal</i> , 2021, 99, 106879.	7.4	46
106	Evaluating the green growth indicators to achieve sustainable development: A novel extended interval-valued intuitionistic fuzzy combined compromise solution approach. <i>Sustainable Development</i> , 2021, 29, 120-142.	12.4	45
107	Alternative queuing method for multiple criteria decision making with hybrid fuzzy and ranking information. <i>Information Sciences</i> , 2016, 357, 144-160.	7.2	44
108	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.	2.7	44

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109	INTEGRATING BWM AND ARAS UNDER HESITANT LINGUISTIC ENVIRONMENT FOR DIGITAL SUPPLY CHAIN FINANCE SUPPLIER SECTION. <i>Technological and Economic Development of Economy</i> , 2019, 25, 1188-1212.	4.6	44
110	A Choquet integral-based hesitant fuzzy gained and lost dominance score method for multi-criteria group decision making considering the risk preferences of experts: Case study of higher business education evaluation. <i>Information Fusion</i> , 2020, 62, 121-133.	19.9	43
111	Managing information measures for hesitant fuzzy linguistic term sets and their applications in designing clustering algorithms. <i>Information Fusion</i> , 2019, 50, 30-42.	19.9	42
112	Pythagorean fuzzy combined compromise solution method integrating the cumulative prospect theory and combined weights for cold chain logistics distribution center selection. <i>International Journal of Intelligent Systems</i> , 2020, 35, 2009-2031.	5.8	42
113	Non-cooperative behavior management in group decision making by a conflict resolution process and its implementation for pharmaceutical supplier selection. <i>Information Sciences</i> , 2021, 567, 131-145.	7.2	42
114	An interactive consensus reaching model with updated weights of clusters in large-scale group decision making. <i>Engineering Applications of Artificial Intelligence</i> , 2022, 107, 104532.	8.3	39
115	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.	2.2	38
116	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.	5.7	38
117	A multiple attribute group decision making method based on two novel intuitionistic multiplicative distance measures. <i>Information Sciences</i> , 2018, 467, 766-783.	7.2	36
118	An approach to hesitant fuzzy multi-stage multi-criterion decision making. <i>Kybernetes</i> , 2014, 43, 1447-1468.	2.3	35
119	Encapsulation of Iron in Liposomes Significantly Improved the Efficiency of Iron Supplementation in Strenuously Exercised Rats. <i>Biological Trace Element Research</i> , 2014, 162, 181-188.	3.7	35
120	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.	2.7	35
121	Sustainable Cloud Service Provider Development by a Z-Number-Based DNMA Method with Cini-Coefficient-Based Weight Determination. <i>Sustainability</i> , 2020, 12, 3410.	3.3	34
122	A Comparison of Distinct Consensus Measures for Group Decision Making with Intuitionistic Fuzzy Preference Relations. <i>International Journal of Computational Intelligence Systems</i> , 2017, 10, 456.	2.7	34
123	Integrating interval-valued multi-granular 2-tuple linguistic BWM-CODAS approach with target-based attributes: Site selection for a construction project. <i>Computers and Industrial Engineering</i> , 2020, 139, 106147.	6.5	33
124	Delegation Mechanism-Based Large-Scale Group Decision Making With Heterogeneous Experts and Overlapping Communities. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022, 52, 3542-3555.	9.7	33
125	A Q-RUNG ORTHOPAIR FUZZY GLDS METHOD FOR INVESTMENT EVALUATION OF BE ANGEL CAPITAL IN CHINA. <i>Technological and Economic Development of Economy</i> , 2020, 26, 103-134.	4.6	33
126	Multiple-attribute decision-making method based on the correlation coefficient between dual hesitant fuzzy linguistic term sets. <i>Knowledge-Based Systems</i> , 2018, 159, 186-192.	7.4	30



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127	Hesitant Fuzzy Linguistic Analytic Hierarchical Process With Prioritization, Consistency Checking, and Inconsistency Repairing. <i>IEEE Access</i> , 2019, 7, 44135-44149.	4.4	30
128	Prioritizing the elective surgery patient admission in a Chinese public tertiary hospital using the hesitant fuzzy linguistic ORESTE method. <i>Applied Soft Computing Journal</i> , 2019, 78, 407-419.	7.4	30
129	Customer-oriented product and service design by a novel quality function deployment framework with complex linguistic evaluations. <i>Information Processing and Management</i> , 2021, 58, 102469.	8.9	30
130	AN OVERVIEW OF FUZZY TECHNIQUES IN SUPPLY CHAIN MANAGEMENT: BIBLIOMETRICS, METHODOLOGIES, APPLICATIONS AND FUTURE DIRECTIONS. <i>Technological and Economic Development of Economy</i> , 2021, 27, 402-458.	4.6	30
131	Dynamic assessment of Internet public opinions based on the probabilistic linguistic Bayesian network and Prospect theory. <i>Applied Soft Computing Journal</i> , 2021, 106, 107359.	7.4	30
132	A Hesitant Fermatean Fuzzy CoCoSo Method for Group Decision-Making and an Application to Blockchain Platform Evaluation. <i>International Journal of Fuzzy Systems</i> , 2022, 24, 2643-2661.	4.0	30
133	Inpatient admission assessment in West China Hospital based on hesitant fuzzy linguistic VIKOR method. <i>Journal of Intelligent and Fuzzy Systems</i> , 2016, 30, 3143-3154.	1.6	29
134	Exponential operations of interval-valued intuitionistic fuzzy numbers. <i>International Journal of Machine Learning and Cybernetics</i> , 2016, 7, 501-518.	3.7	29
135	Underground Mining Method Selection With the Hesitant Fuzzy Linguistic Gained and Lost Dominance Score Method. <i>IEEE Access</i> , 2018, 6, 66442-66458.	4.4	29
136	Efficient-equitable-ecological evaluation of regional water resource coordination considering both visible and virtual water. <i>Omega</i> , 2019, 83, 223-235.	6.1	29
137	Modeling personalized cognition of customers in online shopping. <i>Omega</i> , 2021, 104, 102471.	6.1	29
138	A consensus reaching process for large-scale group decision making with heterogeneous preference information. <i>International Journal of Intelligent Systems</i> , 2021, 36, 4560-4591.	5.8	29
139	An Integrated Method with PROMETHEE and Conflict Analysis for Qualitative and Quantitative Decision-Making: Case Study of Site Selection for Wind Power Plants. <i>Cognitive Computation</i> , 2020, 12, 100-114.	4.9	28
140	A new sustainability indicator for supply chains: theoretical and practical contribution towards sustainable operations. <i>International Journal of Logistics Research and Applications</i> , 2022, 25, 384-409.	8.4	28
141	Z-number based earned value management (ZEVN): A novel pragmatic contribution towards a possibilistic cost-duration assessment. <i>Computers and Industrial Engineering</i> , 2020, 143, 106430.	6.5	28
142	Dynamic subgroup-quality-based consensus in managing consistency, nearness, and evenness quality indices for large-scale group decision making under hesitant environment. <i>Journal of the Operational Research Society</i> , 2021, 72, 865-878.	3.4	28
143	Managing patient satisfaction in a blood-collection room by the probabilistic linguistic gained and lost dominance score method integrated with the best-worst method. <i>Computers and Industrial Engineering</i> , 2020, 145, 106547.	6.5	28
144	Early lung cancer screening using double normalization-based multi-aggregation (DNMA) and Delphi methods with hesitant fuzzy information. <i>Computers and Industrial Engineering</i> , 2019, 136, 453-463.	6.5	27

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145	Life satisfaction evaluation in earthquake-hit area by the probabilistic linguistic GLDS method integrated with the logarithm-multiplicative analytic hierarchy process. <i>International Journal of Disaster Risk Reduction</i> , 2019, 38, 101190.	4.0	27
146	A gained and lost dominance score II method for modelling group uncertainty: Case study of site selection of electric vehicle charging stations. <i>Journal of Cleaner Production</i> , 2020, 262, 121239.	9.5	27
147	Failure mode and effect analysis considering the fairness-oriented consensus of a large group with core-periphery structure. <i>Reliability Engineering and System Safety</i> , 2021, 215, 107821.	9.1	27
148	Mixed fuzzy least absolute regression analysis with quantitative and probabilistic linguistic information. <i>Fuzzy Sets and Systems</i> , 2020, 387, 35-48.	3.0	26
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