

Huchang Liao

List of Publications by Citations

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

287
papers

10,366
citations

55
h-index

93
g-index

300
ext. papers

12,686
ext. citations

4.9
avg, IF

7.7
L-index

#	Paper	IF	Citations
287	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	7.7	426
286	Qualitative decision making with correlation coefficients of hesitant fuzzy linguistic term sets. <i>Knowledge-Based Systems</i> , 2015 , 76, 127-138	7.3	327
285	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	8.3	297
284	Intuitionistic Fuzzy Analytic Hierarchy Process. <i>IEEE Transactions on Fuzzy Systems</i> , 2014 , 22, 749-761	8.3	288
283	A VIKOR-based method for hesitant fuzzy multi-criteria decision making. <i>Fuzzy Optimization and Decision Making</i> , 2013 , 12, 373-392	5.1	217
282	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	7.8	209
281	Consistency-based risk assessment with probabilistic linguistic preference relation. <i>Applied Soft Computing Journal</i> , 2016 , 49, 817-833	7.5	196
280	A Bibliometric Analysis and Visualization of Medical Big Data Research. <i>Sustainability</i> , 2018 , 10, 166	3.6	191
279	A consensus-based probabilistic linguistic gained and lost dominance score method. <i>European Journal of Operational Research</i> , 2019 , 272, 1017-1027	5.6	186
278	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	16.7	183
277	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	16.7	181
276	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	2.8	180
275	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	8.3	174
274	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	7.2	171
273	. <i>IEEE Transactions on Fuzzy Systems</i> , 2013 , 21, 113-133	8.3	160
272	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	3.6	153
271	A consensus process for group decision making with probabilistic linguistic preference relations. <i>Information Sciences</i> , 2017 , 414, 260-275	7.7	145

270	A linear programming method for multiple criteria decision making with probabilistic linguistic information. <i>Information Sciences</i> , 2017 , 415-416, 341-355	7.7	138
269	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	7.7	132
268	Priorities of Intuitionistic Fuzzy Preference Relation Based on Multiplicative Consistency. <i>IEEE Transactions on Fuzzy Systems</i> , 2014 , 22, 1669-1681	8.3	130
267	Novel correlation coefficients between hesitant fuzzy sets and their application in decision making. <i>Knowledge-Based Systems</i> , 2015 , 82, 115-127	7.3	126
266	Multiple criteria decision making based on Bonferroni means with hesitant fuzzy linguistic information. <i>Soft Computing</i> , 2017 , 21, 6515-6529	3.5	124
265	A survey of approaches to decision making with intuitionistic fuzzy preference relations. <i>Knowledge-Based Systems</i> , 2015 , 80, 131-142	7.3	123
264	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	10.3	121
263	A Bibliometric Analysis of Fuzzy Decision Research During 1970-2015. <i>International Journal of Fuzzy Systems</i> , 2017 , 19, 1-14	3.6	118
262	An intuitionistic fuzzy multiplicative best-worst method for multi-criteria group decision making. <i>Information Sciences</i> , 2016 , 374, 224-239	7.7	114
261	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	7.5	112
260	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	5.1	104
259	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	101
258	Multi-criteria decision making with intuitionistic fuzzy PROMETHEE. <i>Journal of Intelligent and Fuzzy Systems</i> , 2014 , 27, 1703-1717	1.6	98
257	Framework of Group Decision Making With Intuitionistic Fuzzy Preference Information. <i>IEEE Transactions on Fuzzy Systems</i> , 2015 , 23, 1211-1227	8.3	97
256	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	16.7	94
255	An enhanced consensus reaching process in group decision making with intuitionistic fuzzy preference relations. <i>Information Sciences</i> , 2016 , 329, 274-286	7.7	93
254	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	7.5	90
253	An overview of MULTIMOORA for multi-criteria decision-making: Theory, developments, applications, and challenges. <i>Information Fusion</i> , 2019 , 51, 145-177	16.7	86

252	Subtraction and division operations over hesitant fuzzy sets. <i>Journal of Intelligent and Fuzzy Systems</i> , 2014 , 27, 65-72	1.6	85
251	Visualization and quantitative research on intuitionistic fuzzy studies. <i>Journal of Intelligent and Fuzzy Systems</i> , 2016 , 30, 3653-3663	1.6	82
250	. <i>IEEE Transactions on Fuzzy Systems</i> , 2018 , 26, 193-202	8.3	79
249	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	10.3	74
248	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	7.5	73
247	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	72
246	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	7.5	68
245	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	6.4	68
244	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	65
243	Hospital performance evaluation by a hesitant fuzzy linguistic best worst method with inconsistency repairing. <i>Journal of Cleaner Production</i> , 2019 , 232, 657-671	10.3	63
242	Ten Years of Sustainability (2009 to 2018): A Bibliometric Overview. <i>Sustainability</i> , 2018 , 10, 1655	3.6	63
241	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	7.2	63
240	Expected consistency-based emergency decision making with incomplete probabilistic linguistic preference relations. <i>Knowledge-Based Systems</i> , 2019 , 176, 15-28	7.3	62
239	Adaptive consensus reaching process with hybrid strategies for large-scale group decision making. <i>European Journal of Operational Research</i> , 2020 , 282, 957-971	5.6	61
238	Ordinal consensus measure with objective threshold for heterogeneous large-scale group decision making. <i>Knowledge-Based Systems</i> , 2019 , 180, 62-74	7.3	60
237	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	3.6	60
236	Water security evaluation based on the TODIM method with probabilistic linguistic term sets. <i>Soft Computing</i> , 2019 , 23, 6215-6230	3.5	59
235	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	8.3	57

234	Intuitionistic multiplicative analytic hierarchy process in group decision making. <i>Computers and Industrial Engineering</i> , 2016 , 101, 513-524	6.4	56
233	DNMA: A double normalization-based multiple aggregation method for multi-expert multi-criteria decision making. <i>Omega</i> , 2020 , 94, 102058	7.2	56
232	Extended hesitant fuzzy hybrid weighted aggregation operators and their application in decision making. <i>Soft Computing</i> , 2015 , 19, 2551-2564	3.5	55
231	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	7.2	53
230	Intuitionistic Fuzzy Hybrid Weighted Aggregation Operators. <i>International Journal of Intelligent Systems</i> , 2014 , 29, 971-993	8.4	53
229	Multiplicative consistency of interval-valued intuitionistic fuzzy preference relation. <i>Journal of Intelligent and Fuzzy Systems</i> , 2014 , 27, 2969-2985	1.6	53
228	A graph based group decision making approach with intuitionistic fuzzy preference relations. <i>Computers and Industrial Engineering</i> , 2017 , 110, 138-150	6.4	52
227	A continuous interval-valued linguistic ORESTE method for multi-criteria group decision making. <i>Knowledge-Based Systems</i> , 2018 , 153, 65-77	7.3	52
226	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	6.4	52
225	Intuitionistic Fuzzy Analytic Network Process. <i>IEEE Transactions on Fuzzy Systems</i> , 2018 , 26, 2578-2590	8.3	51
224	A New Hesitant Fuzzy Linguistic ORESTE Method for Hybrid Multicriteria Decision Making. <i>IEEE Transactions on Fuzzy Systems</i> , 2018 , 26, 3793-3807	8.3	51
223	The Multiplicative Consistency Index of Hesitant Fuzzy Preference Relation. <i>IEEE Transactions on Fuzzy Systems</i> , 2016 , 24, 82-93	8.3	50
222	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	3.8	49
221	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	0.8	49
220	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	7.3	49
219	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	7.7	47
218	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	7.2	47
217	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	7.2	45

216	Profile of developments in biomass-based bioenergy research: a 20-year perspective. <i>Scientometrics</i> , 2014 , 99, 507-521	3	45
215	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	6.4	44
214	A Multigranularity Linguistic Group Decision-Making Method Based on Hesitant 2-Tuple Sets. <i>International Journal of Intelligent Systems</i> , 2016 , 31, 612-634	8.4	44
213	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	6.4	43
212	Green Logistic Provider Selection with a Hesitant Fuzzy Linguistic Thermodynamic Method Integrating Cumulative Prospect Theory and PROMETHEE. <i>Sustainability</i> , 2018 , 10, 1291	3.6	43
211	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	7.7	43
210	A multi-stage multi-criteria hierarchical decision-making approach for sustainable supplier selection. <i>Applied Soft Computing Journal</i> , 2020 , 94, 106456	7.5	42
209	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	16.7	41
208	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> , 2020 , 1-20	2	41
207	Severity assessment of chronic obstructive pulmonary disease based on hesitant fuzzy linguistic COPRAS method. <i>Applied Soft Computing Journal</i> , 2018 , 69, 60-71	7.5	40
206	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	3.6	40
205	A Dynamic Reference Point Method for Emergency Response Under Hesitant Probabilistic Fuzzy Environment. <i>International Journal of Fuzzy Systems</i> , 2017 , 19, 1261-1278	3.6	38
204	An ordinal consistency-based group decision making process with probabilistic linguistic preference relation. <i>Information Sciences</i> , 2018 , 467, 179-198	7.7	38
203	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	10.2	38
202	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	7.2	38
201	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	7.3	38
200	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	10.2	37
199	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,	4.6	36

198	A likelihood-based multi-criteria sustainable supplier selection approach with complex preference information. <i>Information Sciences</i> , 2020 , 536, 135-155	7.7	35
197	A thermodynamic method of intuitionistic fuzzy MCDM to assist the hierarchical medical system in China. <i>Information Sciences</i> , 2017 , 420, 490-504	7.7	34
196	Alternative queuing method for multiple criteria decision making with hybrid fuzzy and ranking information. <i>Information Sciences</i> , 2016 , 357, 144-160	7.7	34
195	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	8.4	33
194	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,	4.6	33
193	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	2	33
192	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	3.4	32
191	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,	4.6	31
190	Selection third-party logistics service providers in supply chain finance by a hesitant fuzzy linguistic combined compromise solution method. <i>Economic Research-Ekonomska Istrazivanja</i> , 2019 , 32, 4033-4058	2.5	31
189	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	0.8	31
188	Managing information measures for hesitant fuzzy linguistic term sets and their applications in designing clustering algorithms. <i>Information Fusion</i> , 2019 , 50, 30-42	16.7	31
187	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	6.4	29
186	Generic Disjunctive Belief-Rule-Base Modeling, Inferencing, and Optimization. <i>IEEE Transactions on Fuzzy Systems</i> , 2019 , 27, 1866-1880	8.3	27
185	An approach to hesitant fuzzy multi-stage multi-criterion decision making. <i>Kybernetes</i> , 2014 , 43, 1447-1468	4.8	27
184	Hesitant Fuzzy Decision Making Methodologies and Applications. <i>Uncertainty and Operations Research</i> , 2017 ,	0.1	26
183	Additive consistency-based priority-generating method of q-rung orthopair fuzzy preference relation. <i>International Journal of Intelligent Systems</i> , 2019 , 34, 2151-2176	8.4	26
182	A Hybrid Method with TOPSIS and Machine Learning Techniques for Sustainable Development of Green Hotels Considering Online Reviews. <i>Sustainability</i> , 2019 , 11, 6013	3.6	26
181	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	26

180	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	6.4	23
179	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	10.2	22
178	Hesitant Fuzzy Linguistic Analytic Hierarchical Process With Prioritization, Consistency Checking, and Inconsistency Repairing. <i>IEEE Access</i> , 2019 , 7, 44135-44149	3.5	21
177	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	7.3	21
176	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	3.4	21
175	INTEGRATING BWM AND ARAS UNDER HESITANT LINGUISTIC ENVIRONMENT FOR DIGITAL SUPPLY CHAIN FINANCE SUPPLIER SELECTION. <i>Technological and Economic Development of Economy</i> , 2019 , 25, 1188-1212	4.7	20
174	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	10.3	20
173	Mixed fuzzy least absolute regression analysis with quantitative and probabilistic linguistic information. <i>Fuzzy Sets and Systems</i> , 2020 , 387, 35-48	3.7	20
172	Underground Mining Method Selection With the Hesitant Fuzzy Linguistic Gained and Lost Dominance Score Method. <i>IEEE Access</i> , 2018 , 6, 66442-66458	3.5	20
171	Exponential operations of interval-valued intuitionistic fuzzy numbers. <i>International Journal of Machine Learning and Cybernetics</i> , 2016 , 7, 501-518	3.8	19
170	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	4.5	19
169	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	7.5	19
168	A multiple attribute group decision making method based on two novel intuitionistic multiplicative distance measures. <i>Information Sciences</i> , 2018 , 467, 766-783	7.7	19
167	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	4.7	19
166	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	8.4	19
165	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	16.7	18
164	Efficient-equitable-ecological evaluation of regional water resource coordination considering both visible and virtual water. <i>Omega</i> , 2019 , 83, 223-235	7.2	18
163	Group decision making with compatibility measures of hesitant fuzzy linguistic preference relations. <i>Soft Computing</i> , 2019 , 23, 1511-1527	3.5	18

162	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	7.5	17
161	A new sustainability indicator for supply chains: theoretical and practical contribution towards sustainable operations. <i>International Journal of Logistics Research and Applications</i> , 2020 , 1-26	3.8	17
160	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	10.3	17
159	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	6.4	17
158	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	7.2	17
157	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	3.8	17
156	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	4.4	17
155	A hybrid multi-criteria decision making model for elective admission control in a Chinese public hospital. <i>Knowledge-Based Systems</i> , 2019 , 173, 37-51	7.3	16
154	Consistency Measures of Linguistic Preference Relations With Hedges. <i>IEEE Transactions on Fuzzy Systems</i> , 2019 , 27, 372-386	8.3	16
153	Automatic procedures for group decision making with intuitionistic fuzzy preference relations. <i>Journal of Intelligent and Fuzzy Systems</i> , 2014 , 27, 2341-2353	1.6	16
152	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	1.9	16
151	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	6.7	16
150	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	5.1	15
149	Sustainable Cloud Service Provider Development by a Z-Number-Based DNMA Method with Gini-Coefficient-Based Weight Determination. <i>Sustainability</i> , 2020 , 12, 3410	3.6	14
148	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	9.5	14
147	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	7.5	14
146	Editorial Message: Special Issue on Hesitant Fuzzy Linguistic Decision Making: Algorithms, Theory and Applications. <i>International Journal of Fuzzy Systems</i> , 2018 , 20, 2083-2083	3.6	14
145	A note on lead time reduction strategies in a single-vendor-single-buyer integrated inventory model with lot size-dependent lead times and stochastic demand. <i>International Journal of Production Economics</i> , 2017 , 193, 827-831	9.3	13

144	Power average-based score function and extension rule of hesitant fuzzy set and the hesitant power average operators. <i>Journal of Intelligent and Fuzzy Systems</i> , 2018 , 35, 3873-3882	1.6	13
143	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	6.4	13
142	A Hesitant Fuzzy Linguistic Choquet Integral-Based MULTIMOORA Method for Multiple Criteria Decision Making and its Application in Talent Selection. <i>Economic Computation and Economic Cybernetics Studies and Research</i> , 2019 , 53, 113-130	1.8	13
141	Grey Best-Worst Method for Multiple Experts Multiple Criteria Decision Making Under Uncertainty. <i>Informatica</i> , 2020 , 331-357	2.9	13
140	An Intuitionistic Multiplicative ORESTE Method for Patients' Prioritization of Hospitalization. <i>International Journal of Environmental Research and Public Health</i> , 2018 , 15,	4.6	13
139	A probabilistic linguistic-based deviation method for multi-expert qualitative decision making with aspirations. <i>Applied Soft Computing Journal</i> , 2020 , 93, 106362	7.5	12
138	Water Policies and Conflict Resolution of Public Participation Decision-Making Processes Using Prioritized Ordered Weighted Averaging (OWA) Operators. <i>Water Resources Management</i> , 2018 , 32, 497-510	3.7	12
137	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	7.5	12
136	Detecting and Visualizing in the Field of Hesitant Fuzzy Sets: A Bibliometric Analysis from 2009 to 2018. <i>International Journal of Fuzzy Systems</i> , 2019 , 21, 1289-1305	3.6	11
135	GREEN SUPPLIER SELECTION BY AN INTEGRATED METHOD WITH STOCHASTIC ACCEPTABILITY ANALYSIS AND MULTIMOORA. <i>Technological and Economic Development of Economy</i> , 2020 , 26, 549-572	4.7	11
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