

# Luis Martinez

## List of Publications by Year in descending order

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361  
papers

20,673  
citations

20036

63  
h-index

12272

138  
g-index

380  
all docs

380  
docs citations

380  
times ranked

5930  
citing authors

#	ARTICLE	IF	CITATIONS
1	Consensus Reaching Process With Multiobjective Optimization for Large-Scale Group Decision Making With Cooperative Game. IEEE Transactions on Fuzzy Systems, 2023, 31, 293-306.	6.5	20
2	Assessing Spatial Synergy Between Integrated Urban Rail Transit System and Urban Form: A BULI-Based MCLSCGA Model With the Wisdom of Crowds. IEEE Transactions on Fuzzy Systems, 2023, 31, 434-448.	6.5	19
3	Ranking of Independent and Dependent Fuzzy Numbers and Intransitivity in Fuzzy MCDA. IEEE Transactions on Fuzzy Systems, 2022, 30, 1382-1395.	6.5	9
4	Enhancing extended belief rule-based systems for classification problems using decomposition strategy and overlap function. International Journal of Machine Learning and Cybernetics, 2022, 13, 811-837.	2.3	4
5	A type-1 OWA operator for Extended Comparative Linguistic Expressions with Symbolic Translation. Fuzzy Sets and Systems, 2022, 446, 167-192.	1.6	8
6	An adaptive group decision making framework: Individual and local world opinion based opinion dynamics. Information Fusion, 2022, 78, 218-231.	11.7	40
7	Analysis of Ranking Consistency in Linguistic Multiple Attribute Decision Making: The Roles of Granularity and Decision Rules. IEEE Transactions on Fuzzy Systems, 2022, 30, 2266-2278.	6.5	4
8	A consensual method for multi-criteria group decision-making with linguistic intuitionistic information. Information Sciences, 2022, 582, 797-832.	4.0	16
9	Symmetric weights for OWA operators prioritizing intermediate values. The EVR-OWA operator. Information Sciences, 2022, 584, 583-602.	4.0	10
10	A comprehensive minimum cost consensus model for large scale group decision making for circular economy measurement. Technological Forecasting and Social Change, 2022, 175, 121391.	6.2	32
11	A Linguistic 2-tuple Best-Worst Method. , 2022, , 41-51.		0
12	From MCDA to fuzzy MCDA: Presumption of model adequacy or is every fuzzification of an mCDA method justified?. Information Sciences, 2022, 587, 371-392.	4.0	13
13	Collaboration enhanced hybrid fuzzy decision-making approach to analyze the renewable energy investment projects. Energy Reports, 2022, 8, 377-389.	2.5	81
14	A Stochastic Perspective on a Group Decision-Making Method Based on Two-Dimension 2-Tuple Linguistic Information. International Journal of Fuzzy Systems, 2022, 24, 1425-1445.	2.3	3
15	A multi-granular linguistic distribution-based group decision making method for renewable energy technology selection. Applied Soft Computing Journal, 2022, 116, 108379.	4.1	13
16	Highly explainable cumulative belief rule-based system with effective rule-base modeling and inference scheme. Knowledge-Based Systems, 2022, 240, 107805.	4.0	23
17	Sustainable battery supplier evaluation of new energy vehicles using a distributed linguistic outranking method considering bounded rational behavior. Journal of Energy Storage, 2022, 48, 103901.	3.9	8
18	Editorial: New trends on machine learning applied to information processing under uncertainty. International Journal of Machine Learning and Cybernetics, 2022, 13, 567-568.	2.3	0

#	ARTICLE	IF	CITATIONS
19	A Linguistic Group Bestâ€“Worst Method for Measuring Good Governance in the Third Sector: A Spanish Case Study. <i>International Journal of Fuzzy Systems</i> , 2022, 24, 2133-2156.	2.3	1
20	Type-2 fuzzy envelope of extended hesitant fuzzy linguistic term set: Application to multi-criteria group decision making. <i>Computers and Industrial Engineering</i> , 2022, 169, 108208.	3.4	17
21	Design alternative assessment and selection: A novel Z-cloud rough number-based BWM-MABAC model. <i>Information Sciences</i> , 2022, 603, 149-189.	4.0	47
22	A hesitant fuzzy linguistic bidirectional projection-regret decision making model. <i>Computers and Industrial Engineering</i> , 2022, 169, 108197.	3.4	6
23	Expertise-Structure and Risk-Appetite-Integrated Two-Tiered Collective Opinion Generation Framework for Large-Scale Group Decision Making. <i>IEEE Transactions on Fuzzy Systems</i> , 2022, 30, 5496-5510.	6.5	88
24	Gaussian IT2FSs-based prospect theory method with application to the evaluation of renewable energy sources. <i>Computers and Industrial Engineering</i> , 2022, 169, 108266.	3.4	11
25	Large-Scale Group Decision Making: A Systematic Review and a Critical Analysis. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2022, 9, 949-966.	8.5	51
26	Exploring post-hoc agnostic models for explainable cooking recipe recommendations. <i>Knowledge-Based Systems</i> , 2022, , 109216.	4.0	12
27	A q-rung orthopair fuzzy decision-making model with new score function and best-worst method for manufacturer selection. <i>Information Sciences</i> , 2022, 608, 153-177.	4.0	45
28	A fuzzy Einstein-based decision support system for public transportation management at times of pandemic. <i>Knowledge-Based Systems</i> , 2022, 252, 109414.	4.0	32
29	Interval Type-2 Fuzzy Envelope of Proportional Hesitant Fuzzy Linguistic Term Set: Application to Large-Scale Group Decision Making. <i>Mathematics</i> , 2022, 10, 2368.	1.1	3
30	An integrated hesitant fuzzy linguistic model for multiple attribute group decision-making for health management center selection. <i>Computers and Industrial Engineering</i> , 2022, 171, 108404.	3.4	11
31	Fuzzy extensions of PROMETHEE: Models of different complexity with different ranking methods and their comparison. <i>Fuzzy Sets and Systems</i> , 2021, 422, 1-26.	1.6	13
32	From MCDA to Fuzzy MCDA: violation of basic axiom and how to fix it. <i>Neural Computing and Applications</i> , 2021, 33, 1711-1732.	3.2	14
33	A Micro-Extended Belief Rule-Based System for Big Data Multiclass Classification Problems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021, 51, 420-440.	5.9	29
34	Consensual Group-AHP Sort: Applying consensus to GAHP Sort in sustainable development and industrial engineering. <i>Computers and Industrial Engineering</i> , 2021, 152, 107013.	3.4	17
35	A two-stage minimum adjustment consensus model for large scale decision making based on reliability modeled by two-dimension 2-tuple linguistic information. <i>Computers and Industrial Engineering</i> , 2021, 151, 106973.	3.4	21
36	An evolutionary strategic weight manipulation approach for multi-attribute decision making: TOPSIS method. <i>International Journal of Approximate Reasoning</i> , 2021, 129, 64-83.	1.9	33

#	ARTICLE	IF	CITATIONS
37	<i>R</i> -Sets, Comprehensive Fuzzy Sets Risk Modeling for Risk-Based Information Fusion and Decision-Making. IEEE Transactions on Fuzzy Systems, 2021, 29, 385-399.	6.5	31
38	Environmental Policy Making in Supply Chains under Ambiguity and Competition: A Fuzzy Stackelberg Game Approach. Sustainability, 2021, 13, 2367.	1.6	14
39	Continuous Linguistic Variables and Their Applications to Data Mining and Time Series Prediction. International Journal of Fuzzy Systems, 2021, 23, 1431-1452.	2.3	7
40	Site selection of high-speed railway station: A trapezoidal fuzzy neutrosophic-based consensual group decision-making approach. Journal of Intelligent and Fuzzy Systems, 2021, 40, 5347-5367.	0.8	5
41	Linguistic scale consistency issues in multi-granularity decision making contexts. Applied Soft Computing Journal, 2021, 101, 107035.	4.1	9
42	Comprehensive minimum cost models for large scale group decision making with consistent fuzzy preference relations. Knowledge-Based Systems, 2021, 215, 106780.	4.0	63
43	Powerâ€averageâ€operatorâ€based hybrid multiattribute online product recommendation model for consumer decisionâ€making. International Journal of Intelligent Systems, 2021, 36, 2572-2617.	3.3	27
44	TRANSPARENCY INDICATORS TO IMPROVE ACCOUNTABILITY FOR NON-PROFIT ORGANIZATIONS: A SPANISH CASE STUDY. Technological and Economic Development of Economy, 2021, 27, 763-782.	2.3	1
45	Consistency and trust relationship-driven social network group decision-making method with probabilistic linguistic information. Applied Soft Computing Journal, 2021, 103, 107170.	4.1	50
46	Expertise-based bid evaluation for construction-contractor selection with generalized comparative linguistic ELECTRE III. Automation in Construction, 2021, 125, 103578.	4.8	112
47	Consensus-Based Linguistic Distribution Large-Scale Group Decision Making Using Statistical Inference and Regret Theory. Group Decision and Negotiation, 2021, 30, 813-845.	2.0	67
48	An optimal Best-Worst prioritization method under a 2-tuple linguistic environment in decision making. Computers and Industrial Engineering, 2021, 155, 107141.	3.4	31
49	A cohesion-driven consensus reaching process for large scale group decision making under a hesitant fuzzy linguistic term sets environment. Computers and Industrial Engineering, 2021, 155, 107158.	3.4	61
50	Nonlinear preferences in group decisionâ€making. Extreme values amplifications and extreme values reductions. International Journal of Intelligent Systems, 2021, 36, 6581-6612.	3.3	11
51	Exploiting the type-1 OWA operator to fuse the ELICIT information. , 2021, , .		1
52	A Consensus Reaching Process with Minimum Adjustment in Group Decision Making with Two-dimensional 2-tuple Linguistic Information based on Reliability Measurement. , 2021, , .		0
53	New decision-making methods with interval reciprocal preference relations: A new admissible order relation of intervals. Information Sciences, 2021, 569, 400-429.	4.0	13
54	$K$ -means clustering for the aggregation of HFLTS possibility distributions: $N$ -two-stage algorithmic paradigm. Knowledge-Based Systems, 2021, 227, 107230.	4.0	45

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55	Multiple-criteria decision-making sorting methods: A survey. Expert Systems With Applications, 2021, 183, 115368.	4.4	95
56	Online updating extended belief rule-based system for sensor-based activity recognition. Expert Systems With Applications, 2021, 186, 115737.	4.4	11
57	A probabilistic linguistic dominance score method considering individual semantics and psychological behavior of decision makers. Expert Systems With Applications, 2021, 184, 115372.	4.4	31
58	Content-based group recommender systems: A general taxonomy and further improvements. Expert Systems With Applications, 2021, 184, 115444.	4.4	32
59	Sustainable building material selection: An integrated multi-criteria large group decision making framework. Applied Soft Computing Journal, 2021, 113, 107903.	4.1	63
60	Induced OWA Operator for Group Decision Making Dealing with Extended Comparative Linguistic Expressions with Symbolic Translation. Mathematics, 2021, 9, 20.	1.1	11
61	House of Quality-Based Analysis of New Service Development Using Context Free Grammar Evaluation-Enhanced Fuzzy Hybrid Modelling. IEEE Access, 2021, 9, 138415-138431.	2.6	3
62	Comprehensive Minimum Cost Models Based on Consensus Measures. Studies in Computational Intelligence, 2021, , 47-60.	0.7	0
63	Improving Micro-Extended Belief Rule-Based System Using Activation Factor for Classification Problems. Lecture Notes in Computer Science, 2021, , 79-86.	1.0	0
64	Failure mode and effect analysis: A three-way decision approach. Engineering Applications of Artificial Intelligence, 2021, 106, 104505.	4.3	19
65	A Comparative Performance Analysis of Consensus Models Based on a Minimum Cost Metric. Advances in Intelligent Systems and Computing, 2021, , 1506-1514.	0.5	0
66	Analytic hierarchy process-fuzzy sorting: An analytic hierarchy process-based method for fuzzy classification in sorting problems. Journal of the Operational Research Society, 2020, 71, 928-947.	2.1	43
67	A consensus reaching process dealing with comparative linguistic expressions for group decision making: A fuzzy approach. Journal of Intelligent and Fuzzy Systems, 2020, 38, 735-748.	0.8	6
68	A Cost Consensus Metric for Consensus Reaching Processes based on a comprehensive minimum cost model. European Journal of Operational Research, 2020, 281, 316-331.	3.5	142
69	Computing With Comparative Linguistic Expressions and Symbolic Translation for Decision Making: ELICIT Information. IEEE Transactions on Fuzzy Systems, 2020, 28, 2510-2522.	6.5	53
70	Fuzzy TODIM method based on alpha-level sets. Expert Systems With Applications, 2020, 140, 112899.	4.4	39
71	A heterogeneous QUALIFLEX method with criteria interaction for multi-criteria group decision making. Information Sciences, 2020, 512, 1481-1502.	4.0	46
72	Integrating interval-valued multi-granular 2-tuple linguistic BWM-CODAS approach with target-based attributes: Site selection for a construction project. Computers and Industrial Engineering, 2020, 139, 106147.	3.4	31

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73	Managing Multigranular Unbalanced Hesitant Fuzzy Linguistic Information in Multiattribute Large-Scale Group Decision Making: A Linguistic Distribution-Based Approach. <i>IEEE Transactions on Fuzzy Systems</i> , 2020, 28, 2875-2889.	6.5	165
74	A general approach to fuzzy TOPSIS based on the concept of fuzzy multicriteria acceptability analysis. <i>Journal of Intelligent and Fuzzy Systems</i> , 2020, 38, 979-995.	0.8	18
75	SMAA-QUALIFLEX methodology to handle multicriteria decision-making problems based on q-rung fuzzy set with hierarchical structure of criteria using bipolar Choquet integral. <i>International Journal of Intelligent Systems</i> , 2020, 35, 401-431.	3.3	31
76	Visualizing the Intellectual Structure of the Fuzzy Linguistic Knowledge Domain: A Bibliometric Analysis. <i>International Journal of Fuzzy Systems</i> , 2020, 22, 2397-2413.	2.3	3
77	Identifying and prioritizing factors affecting in-cabin passenger comfort on high-speed rail in China: A fuzzy-based linguistic approach. <i>Applied Soft Computing Journal</i> , 2020, 95, 106558.	4.1	44
78	Extending the linguistic decision suite FLINTSTONES to deal with comparative linguistic expressions with symbolic translation information. <i>Journal of Intelligent and Fuzzy Systems</i> , 2020, 39, 6245-6258.	0.8	2
79	A Consensus Model for Extended Comparative Linguistic Expressions with Symbolic Translation. <i>Mathematics</i> , 2020, 8, 2198.	1.1	5
80	Editorial on Special Issue: "Fuzzy Models for Business Analytics". <i>International Journal of Fuzzy Systems</i> , 2020, 22, 2690-2690.	2.3	0
81	A Comparative Analysis of Incremental and Disruptive Innovation Policies in the European Banking Sector with Hybrid Interval Type-2 Fuzzy Decision-Making Models. <i>International Journal of Fuzzy Systems</i> , 2020, 22, 1158-1176.	2.3	20
82	Consensus-Based Multicriteria Group Preference Analysis Model With Multigranular Linguistic Distribution Information. <i>IEEE Transactions on Fuzzy Systems</i> , 2020, 28, 3145-3160.	6.5	12
83	A phase change material selection using the interval-valued target-based BWM-CoCoMULTIMOORA approach: A case-study on interior building applications. <i>Applied Soft Computing Journal</i> , 2020, 95, 106508.	4.1	21
84	Intertemporal Hesitant Fuzzy Soft Sets: Application to Group Decision Making. <i>International Journal of Fuzzy Systems</i> , 2020, 22, 619-635.	2.3	14
85	An AHPSort II Based Analysis of the Inequality Reduction within European Union. <i>Mathematics</i> , 2020, 8, 646.	1.1	16
86	Natural Noise Management in Recommender Systems Using Fuzzy Tools. <i>Studies in Computational Intelligence</i> , 2020, , 1-24.	0.7	1
87	Fuzzy Linguistic Integrated Methodology for Sustainable Hospital Building Design. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 1180-1188.	0.5	1
88	FLINTSTONES 2.0 an Open and Comprehensive Fuzzy Tool for Multi-criteria Decision Analysis. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 762-769.	0.5	1
89	Green supplier selection by means of a decision making method based on ELICIT information (SS14: New) Tj ETQq1 1 0.784314 rgBT		
90	Presumption of model adequacy in fuzzy multi-criteria decision analysis. , 2020, , .		1

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91	Product development partner selection based on ELICIT information. , 2020, , .		0
92	New activation weight calculation and parameter optimization for extended belief rule-based system based on sensitivity analysis. Knowledge and Information Systems, 2019, 60, 837-878.	2.1	28
93	Balanced scorecard-based analysis about European energy investment policies: A hybrid hesitant fuzzy decision-making approach with Quality Function Deployment. Expert Systems With Applications, 2019, 115, 152-171.	4.4	126
94	Consensus Building With Individual Consistency Control in Group Decision Making. IEEE Transactions on Fuzzy Systems, 2019, 27, 319-332.	6.5	56
95	A Food Recommender System Considering Nutritional Information and User Preferences. IEEE Access, 2019, 7, 96695-96711.	2.6	87
96	Hesitant linguistic expression soft sets: Application to group decision making. Computers and Industrial Engineering, 2019, 136, 575-590.	3.4	19
97	A Cohesion Measure for Improving the Weighting of Experts's™ subgroups in Large-scale Group Decision Making Clustering Methods. , 2019, , .		4
98	Sustainable building material selection: A QFD- and ELECTRE III-embedded hybrid MCGDM approach with consensus building. Engineering Applications of Artificial Intelligence, 2019, 85, 783-807.	4.3	105
99	An interindividual iterative consensus model for fuzzy preference relations. International Journal of Intelligent Systems, 2019, 34, 1864-1888.	3.3	10
100	Sustainable Change Management through Employee Readiness: Decision Support System Adoption in Technology-Intensive British E-Businesses. Sustainability, 2019, 11, 2998.	1.6	14
101	An enhanced ordered weighted averaging operators generation algorithm with applications for multicriteria decision making. Applied Mathematical Modelling, 2019, 71, 467-490.	2.2	50
102	A hybrid group decision making framework for achieving agreed solutions based on stable opinions. Information Sciences, 2019, 490, 227-243.	4.0	69
103	Interval type 2-based hybrid fuzzy evaluation of financial services in E7 economies with DEMATEL-ANP and MOORA methods. Applied Soft Computing Journal, 2019, 79, 186-202.	4.1	103
104	Analysis of balanced scorecard-based SERVQUAL criteria based on hesitant decision-making approaches. Computers and Industrial Engineering, 2019, 131, 1-12.	3.4	28
105	Cloud computing model selection for e-commerce enterprises using a new 2-tuple fuzzy linguistic decision-making method. Computers and Industrial Engineering, 2019, 132, 47-58.	3.4	90
106	Type-2 Fuzzy Envelope of Hesitant Fuzzy Linguistic Term Set: A New Representation Model of Comparative Linguistic Expression. IEEE Transactions on Fuzzy Systems, 2019, 27, 2312-2326.	6.5	25
107	The Strategy Evolution in Double Auction Based on the Experience-Weighted Attraction Learning Model. IEEE Access, 2019, 7, 16730-16738.	2.6	12
108	Several Novel Aggregation Functions for PHFS and Their Application to MCGDM. , 2019, , .		1

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109	A Health-Awareness Nutrition Recommender System. , 2019, , .		2
110	A Novel Linguistic Cohesion Measure for Weighting Expertsâ€™ Subgroups in Large-Scale Group Decision Making Methods. , 2019, , .		0
111	Paradigm Shift Toward Aggregation Strategies in Proportional Hesitant Fuzzy Multi-Criteria Group Decision Making Models of Advanced Practice for Selecting Electric Vehicle Battery Supplier. IEEE Access, 2019, 7, 172534-172561.	2.6	2
112	A Big Data Semantic Driven Context Aware Recommendation Method for Question-Answer Items. IEEE Access, 2019, 7, 182664-182678.	2.6	4
113	R-numbers, a new risk modeling associated with fuzzy numbers and its application to decision making. Information Sciences, 2019, 483, 206-231.	4.0	76
114	Sustainable supplier selection based on AHPSort II in interval type-2 fuzzy environment. Information Sciences, 2019, 483, 273-293.	4.0	134
115	Regularizing Knowledge Transfer in Recommendation With Tag-Inferred Correlation. IEEE Transactions on Cybernetics, 2019, 49, 83-96.	6.2	24
116	Aggregating Interrelated Attributes in Multi-Attribute Decision-Making With ELICIT Information Based on Bonferroni Mean and Its Variants. International Journal of Computational Intelligence Systems, 2019, 12, 1179.	1.6	19
117	Exploring Fuzzy Rating Regularities for Managing Natural Noise in Collaborative Recommendation. International Journal of Computational Intelligence Systems, 2019, 12, 1382.	1.6	8
118	AFRYCA 3.0: An Improved Framework for Consensus Analysis in Group Decision Making. Smart Innovation, Systems and Technologies, 2019, , 76-86.	0.5	1
119	Improving decision making approaches based on fuzzy soft sets and rough soft sets. Applied Soft Computing Journal, 2018, 65, 320-332.	4.1	43
120	Personalized individual semantics based on consistency in hesitant linguistic group decision making with comparative linguistic expressions. Knowledge-Based Systems, 2018, 145, 156-165.	4.0	143
121	Customizing Semantics for Individuals With Attitudinal HFLTS Possibility Distributions. IEEE Transactions on Fuzzy Systems, 2018, 26, 3452-3466.	6.5	62
122	A group decision making tool for assessing climate policy risks against multiple criteria. Heliyon, 2018, 4, e00588.	1.4	41
123	Two-stage aggregation paradigm for HFLTS possibility distributions: A hierarchical clustering perspective. Expert Systems With Applications, 2018, 104, 43-66.	4.4	65
124	Opinion Dynamics-Based Group Recommender Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 2394-2406.	5.9	64
125	Intelligent multi-dose medication controller for fever: From wearable devices to remote dispensers. Computers and Electrical Engineering, 2018, 65, 400-412.	3.0	24
126	Analyzing the performance of classical consensus models in large scale group decision making: A comparative study. Applied Soft Computing Journal, 2018, 67, 677-690.	4.1	174



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127	Uncertainty Measures of Extended Hesitant Fuzzy Linguistic Term Sets. IEEE Transactions on Fuzzy Systems, 2018, 26, 1763-1768.	6.5	76
128	Group Recommendations Based on Hesitant Fuzzy Sets. International Journal of Intelligent Systems, 2018, 33, 2058-2077.	3.3	15
129	Consistency of hesitant fuzzy linguistic preference relations: An interval consistency index. Information Sciences, 2018, 432, 347-361.	4.0	106
130	Consensus decision models for preferential voting with abstentions. Computers and Industrial Engineering, 2018, 115, 670-682.	3.4	14
131	A joint optimization method on parameter and structure for belief-rule-based systems. Knowledge-Based Systems, 2018, 142, 220-240.	4.0	38
132	A fuzzy approach for natural noise management in group recommender systems. Expert Systems With Applications, 2018, 94, 237-249.	4.4	24
133	A dynamic multi-criteria decision making model with bipolar linguistic term sets. Expert Systems With Applications, 2018, 95, 104-112.	4.4	27
134	Individual Semantics Building for HFLTS Possibility Distribution With Applications in Domain-Specific Collaborative Decision Making. IEEE Access, 2018, 6, 78803-78828.	2.6	30
135	Fuzzy Rank Acceptability Analysis: A Confidence Measure of Ranking Fuzzy Numbers. IEEE Transactions on Fuzzy Systems, 2018, 26, 3579-3593.	6.5	32
136	Granular computing in decision-making. Granular Computing, 2018, 3, 191-192.	4.4	3
137	Managing Interacting Criteria: Application to Environmental Evaluation Practices. Axioms, 2018, 7, 4.	0.9	2
138	A Recommender System for Programming Online Judges Using Fuzzy Information Modeling. Informatics, 2018, 5, 17.	2.4	14
139	The Experience of Developing the UJAml Smart Lab. IEEE Access, 2018, 6, 34631-34642.	2.6	35
140	Extended belief-rule-based system with new activation rule determination and weight calculation for classification problems. Applied Soft Computing Journal, 2018, 72, 261-272.	4.1	16
141	A large scale consensus reaching process managing group hesitation. Knowledge-Based Systems, 2018, 159, 86-97.	4.0	164
142	On group recommendation supported by a minimum cost consensus model. , 2018, , .		3
143	A Recommender System for Supporting Students in Programming Online Judges. Smart Innovation, Systems and Technologies, 2018, , 215-224.	0.5	1
144	A Linguistic 2-Tuple Based Environmental Impact Assessment for Maritime Port Projects: Application to Moa Port. Studies in Fuzziness and Soft Computing, 2018, , 333-348.	0.6	0

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145	Fuzzy MCDA Without Defuzzification Based on Fuzzy Rank Acceptability Analysis. Advances in Intelligent Systems and Computing, 2018, , 537-550.	0.5	0
146	A new visualization for preferences evolution in group decision making. , 2018, , .		0
147	Comparative analysis on extended belief rule-based system for activity recognition. , 2018, , .		0
148	A consensus model for large scale using hesitant information. , 2018, , .		1
149	Fuzzy TOPSIS: Violation of basic axioms. , 2018, , .		0
150	Improved score based decision making method by using fuzzy soft sets. , 2018, , .		0
151	Personalized individual semantics in computing with words for supporting linguistic group decision making. An application on consensus reaching. Information Fusion, 2017, 33, 29-40.	11.7	310
152	Managing Multigranular Linguistic Distribution Assessments in Large-Scale Multiattribute Group Decision Making. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 3063-3076.	5.9	292
153	AFRYCA 2.0: an improved analysis framework for consensus reaching processes. Progress in Artificial Intelligence, 2017, 6, 181-194.	1.5	17
154	Managing consensus based on leadership in opinion dynamics. Information Sciences, 2017, 397-398, 187-205.	4.0	280
155	A recommendation approach for programming online judges supported by data preprocessing techniques. Applied Intelligence, 2017, 47, 277-290.	3.3	43
156	Selecting firms in University technoparks: A hesitant linguistic fuzzy TOPSIS model for heterogeneous contexts. Journal of Intelligent and Fuzzy Systems, 2017, 33, 1155-1172.	0.8	34
157	Fuzzy multi-criteria acceptability analysis: A new approach to multi-criteria decision analysis under fuzzy environment. Expert Systems With Applications, 2017, 84, 262-271.	4.4	27
158	Subscribing to fuzzy temporal aggregation of heterogeneous sensor streams in real-time distributed environments. International Journal of Communication Systems, 2017, 30, e3238.	1.6	16
159	A consistency-driven approach to set personalized numerical scales for hesitant fuzzy linguistic preference relations. , 2017, , .		2
160	A hesitant fuzzy linguistic model for emergency decision making based on fuzzy TODIM method. , 2017, , .		6
161	A group decision method based on prospect theory for emergency situations. Information Sciences, 2017, 418-419, 119-135.	4.0	131
162	A hesitant group emergency decision making method based on prospect theory. Complex & Intelligent Systems, 2017, 3, 177-187.	4.0	20

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163	Optimizing the configuration of an heterogeneous architecture of sensors for activity recognition, using the extended belief rule-based inference methodology. <i>Microprocessors and Microsystems</i> , 2017, 52, 381-390.	1.8	28
164	An empirical study of natural noise management in group recommendation systems. <i>Decision Support Systems</i> , 2017, 94, 1-11.	3.5	38
165	Dealing with diversity and novelty in group recommendations using Hesitant fuzzy sets. , 2017, , .		2
166	Can classical consensus models deal with large scale group decision making?. , 2017, , .		0
167	A Comparative Study of Some Soft Rough Sets. <i>Symmetry</i> , 2017, 9, 252.	1.1	4
168	Managing Non-Homogeneous Information and Expertsâ€™ Psychological Behavior in Group Emergency Decision Making. <i>Symmetry</i> , 2017, 9, 234.	1.1	25
169	Fuzzy Tools in Recommender Systems: A Survey. <i>International Journal of Computational Intelligence Systems</i> , 2017, 10, 776.	1.6	128
170	A Hesitant Heterogeneous Approach for Environmental Impact Significance Assessment. <i>Journal of Environmental Informatics</i> , 2017, , .	6.0	3
171	Recognition of Activities in Resource Constrained Environments; Reducing the Computational Complexity. <i>Lecture Notes in Computer Science</i> , 2016, , 64-74.	1.0	1
172	Managing Natural Noise in Recommender Systems. <i>Lecture Notes in Computer Science</i> , 2016, , 3-17.	1.0	4
173	A Web System for Managing and Monitoring Smart Environments. <i>Lecture Notes in Computer Science</i> , 2016, , 677-688.	1.0	3
174	A Review of Hesitant Fuzzy Sets: Quantitative and Qualitative Extensions. <i>Studies in Fuzziness and Soft Computing</i> , 2016, , 109-128.	0.6	8
175	A Humble Tribute to 50 Years of Fuzzy Sets. <i>International Journal of Computational Intelligence Systems</i> , 2016, 9, 1-2.	1.6	1
176	An Overview on Fuzzy Modelling of Complex Linguistic Preferences in Decision Making. <i>International Journal of Computational Intelligence Systems</i> , 2016, 9, 81.	1.6	181
177	An optimization-based approach to estimate the range of consistency in hesitant fuzzy linguistic preference relations. , 2016, , .		3
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