Rosa Maria Rodriguez

List of Publications by Year
in descending order

89 papers	6,289 citations	147566 31 h-index	91712 69 g-index
92 all docs	92 docs citations	92 times ranked	2002 citing authors

#	Article	IF	Citations
1	Hesitant Fuzzy Linguistic Term Sets for Decision Making. IEEE Transactions on Fuzzy Systems, 2012, 20, 109-119.	6.5	1,926
2	A group decision making model dealing with comparative linguistic expressions based on hesitant fuzzy linguistic term sets. Information Sciences, 2013, 241, 28-42.	4.0	466
3	Hesitant Fuzzy Sets: State of the Art and Future Directions. International Journal of Intelligent Systems, 2014, 29, 495-524.	3.3	390
4	A fuzzy envelope for hesitant fuzzy linguistic term set and its application to multicriteria decision making. Information Sciences, 2014, 258, 220-238.	4.0	342
5	A position and perspective analysis of hesitant fuzzy sets on information fusion in decision making. Towards high quality progress. Information Fusion, 2016, 29, 89-97.	11.7	199
6	An analysis of symbolic linguistic computing models in decision making. International Journal of General Systems, 2013, 42, 121-136.	1.2	196
7	An Overview on Fuzzy Modelling of Complex Linguistic Preferences in Decision Making. International Journal of Computational Intelligence Systems, 2016, 9, 81.	1.6	181
8	A Hesitant Fuzzy Linguistic TODIM Method Based on a Score Function. International Journal of Computational Intelligence Systems, 2015, 8, 701.	1.6	175
9	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
10	A large scale consensus reaching process managing group hesitation. Knowledge-Based Systems, 2018, 159, 86-97.	4.0	164
11	Deriving the priority weights from incomplete hesitant fuzzy preference relations in group decision making. Knowledge-Based Systems, 2016, 99, 71-78.	4.0	148
12	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
13	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
14	Expertise-based bid evaluation for construction-contractor selection with generalized comparative linguistic ELECTRE III. Automation in Construction, 2021, 125, 103578.	4.8	112
15	Consistency of hesitant fuzzy linguistic preference relations: An interval consistency index. Information Sciences, 2018, 432, 347-361.	4.0	106
16	An attitude-driven web consensus support system for heterogeneous group decision making. Expert Systems With Applications, 2013, 40, 139-149.	4.4	101
17	Expertise-Structure and Risk-Appetite-Integrated Two-Tiered Collective Opinion Generation Framework for Large-Scale Group Decision Making. IEEE Transactions on Fuzzy Systems, 2022, 30, 5496-5510.	6.5	88
18	Uncertainty Measures of Extended Hesitant Fuzzy Linguistic Term Sets. IEEE Transactions on Fuzzy Systems, 2018, 26, 1763-1768.	6.5	76

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19	Comprehensive minimum cost models for large scale group decision making with consistent fuzzy preference relations. Knowledge-Based Systems, 2021, 215, 106780.	4.0	63
20	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
21	Consensus Building With Individual Consistency Control in Group Decision Making. IEEE Transactions on Fuzzy Systems, 2019, 27, 319-332.	6.5	56
22	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
23	Large-Scale Group Decision Making: A Systematic Review and a Critical Analysis. IEEE/CAA Journal of Automatica Sinica, 2022, 9, 949-966.	8.5	51
24	Computing with Words in Risk Assessment. International Journal of Computational Intelligence Systems, 2010, 3, 396-419.	1.6	44
25	Identifying and prioritizing factors affecting in-cabin passenger comfort on high-speed rail in China: A fuzzy-based linguistic approach. Applied Soft Computing Journal, 2020, 95, 106558.	4.1	44
26	Managing manipulative and non-cooperative behaviors in large scale group decision making based on a WeChat-like interaction network. Information Fusion, 2021, 75, 1-15.	11.7	43
27	The 2-tuple Linguistic Model. , 2015, , .		42
28	Using linguistic incomplete preference relations to cold start recommendations. Internet Research, 2010, 20, 296-315.	2.7	40
29	Entropy measures for hesitant fuzzy sets and their application in multi-criteria decision-making. Journal of Intelligent and Fuzzy Systems, 2016, 31, 673-685.	0.8	39
30	Hesitant Fuzzy Linguistic Term Sets. Advances in Intelligent and Soft Computing, 2011, , 287-295.	0.2	36
31	A dynamic multi-attribute group emergency decision making method considering experts' hesitation. International Journal of Computational Intelligence Systems, 2018, 11, 163.	1.6	35
32	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
33	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
34	Note on entropies of hesitant fuzzy linguistic term sets and their applications. Information Sciences, 2020, 512, 352-368.	4.0	28
35	Power-average-operator-based hybrid multiattribute online product recommendation model for consumer decision-making. International Journal of Intelligent Systems, 2021, 36, 2572-2617.	3.3	27
36	Managing Non-Homogeneous Information and Experts' Psychological Behavior in Group Emergency Decision Making. Symmetry, 2017, 9, 234.	1.1	25

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37	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
38	Novel fusion strategies for continuous interval-valued q-rung orthopair fuzzy information: a case study in quality assessment of SmartWatch appearance design. International Journal of Machine Learning and Cybernetics, 2022, 13, 609-632.	2.3	24
39	Two-stage consensus model based on opinion dynamics and evolution of social power in large-scale group decision making. Applied Soft Computing Journal, 2021, 111, 107615.	4.1	24
40	A two-stage minimum adjustment consensus model for large scale decision making based on reliability modeled by two-dimension 2-tuple linguistic information. Computers and Industrial Engineering, 2021, 151, 106973.	3.4	21
41	Weighting of Features in Content-Based Filtering with Entropy and Dependence Measures. International Journal of Computational Intelligence Systems, 2014, 7, 80.	1.6	20
42	A hesitant group emergency decision making method based on prospect theory. Complex & Intelligent Systems, 2017, 3, 177-187.	4.0	20
43	Hesitant linguistic expression soft sets: Application to group decision making. Computers and Industrial Engineering, 2019, 136, 575-590.	3.4	19
44	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
45	Type-2 fuzzy envelope of extended hesitant fuzzy linguistic term set: Application to multi-criteria group decision making. Computers and Industrial Engineering, 2022, 169, 108208.	3.4	17
46	Group Recommendations Based on Hesitant Fuzzy Sets. International Journal of Intelligent Systems, 2018, 33, 2058-2077.	3.3	15
47	USING COLLABORATIVE FILTERING FOR DEALING WITH MISSING VALUES IN NUCLEAR SAFEGUARDS EVALUATION. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 2010, 18, 431-449.	0.9	14
48	Intertemporal Hesitant Fuzzy Soft Sets: Application to Group Decision Making. International Journal of Fuzzy Systems, 2020, 22, 619-635.	2.3	14
49	Computing with Words in Risk Assessment. International Journal of Computational Intelligence Systems, 2010, 3, 396.	1.6	14
50	Heterogeneous Interrelationships among Attributes in Multi-Attribute Decision-Making: An Empirical Analysis. International Journal of Computational Intelligence Systems, 2019, 12, 984.	1.6	14
51	Measuring What Is Not Seen—Transparency and Good Governance Nonprofit Indicators to Overcome the Limitations of Accounting Models. Sustainability, 2020, 12, 7275.	1.6	12
52	Optimization algorithm for learning consistent belief rule-base from examples. Journal of Global Optimization, 2011, 51, 255-270.	1.1	11
53	Nonlinear preferences in group decision-making. Extreme values amplifications and extreme values reductions. International Journal of Intelligent Systems, 2021, 36, 6581-6612.	3.3	11
54	Induced OWA Operator for Group Decision Making Dealing with Extended Comparative Linguistic Expressions with Symbolic Translation. Mathematics, 2021, 9, 20.	1.1	11

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55	Symmetric weights for OWA operators prioritizing intermediate values. The EVR-OWA operator. Information Sciences, 2022, 584, 583-602.	4.0	10
56	A QUALITATIVE DECISION MAKING MODEL BASED ON BELIEF LINGUISTIC RULE BASED INFERENCE METHODOLOGY. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 2012, 20, 105-118.	0.9	9
57	A Fuzzy Representation for the Semantics of Hesitant Fuzzy Linguistic Term Sets. Advances in Intelligent Systems and Computing, 2014, , 745-757.	0.5	9
58	A Review of Hesitant Fuzzy Sets: Quantitative and Qualitative Extensions. Studies in Fuzziness and Soft Computing, 2016, , 109-128.	0.6	8
59	A type-1 OWA operator for Extended Comparative Linguistic Expressions with Symbolic Translation. Fuzzy Sets and Systems, 2022, 446, 167-192.	1.6	8
60	A Consensus Model for Group Decision Making with Hesitant Fuzzy Linguistic Information. , 2015, , .		6
61	A hesitant fuzzy linguistic model for emergency decision making based on fuzzy TODIM method. , 2017, , .		6
62	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
63	A hesitant fuzzy linguistic bidirectional projection-regret decision making model. Computers and Industrial Engineering, 2022, 169, 108197.	3.4	6
64	A Consensus Model for Extended Comparative Linguistic Expressions with Symbolic Translation. Mathematics, 2020, 8, 2198.	1.1	5
65	A Cohesion Measure for Improving the Weighting of Experts' subgroups in Large-scale Group Decision Making Clustering Methods. , 2019, , .		4
66	Outlier Detection Algorithms Over Fuzzy Data with Weighted Least Squares. International Journal of Fuzzy Systems, 2021, 23, 1234-1256.	2.3	4
67	Imputing Missing Values in Nuclear Safeguards Evaluation by a 2-Tuple Computational Model. Lecture Notes in Computer Science, 2010, , 202-209.	1.0	3
68	Interval Type-2 Fuzzy Envelope of Proportional Hesitant Fuzzy Linguistic Term Set: Application to Large-Scale Group Decision Making. Mathematics, 2022, 10, 2368.	1.1	3
69	Group Decision Making with Comparative Linguistic Terms. Communications in Computer and Information Science, 2012, , 181-190.	0.4	2
70	A linguistic 2-tuple multicriteria decision making model dealing with hesitant linguistic information. , 2015, , .		2
71	A consistency-driven approach to set personalized numerical scales for hesitant fuzzy linguistic preference relations. , 2017, , .		2
72	Extending the linguistic decision suite FLINTSTONES to deal with comparative linguistic expressions with symbolic translation information. Journal of Intelligent and Fuzzy Systems, 2020, 39, 6245-6258.	0.8	2

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73	Optimizing the Method for Building an Extended Linguistic Hierarchy. , 2009, , .		1
74	On the use of Hesitant Fuzzy Linguistic Term Set in FLINTSTONES. , 2014, , .		1
75	Linguistic Approaches Based on the 2-Tuple Fuzzy Linguistic Representation Model. , 2015, , 43-50.		1
76	A Hesitant Linguistic Fuzzy TOPSIS Approach Integrated into FLINTSTONES. , 0, , .		1
77	A Linguistic Group Bestâ€"Worst Method for Measuring Good Governance in the Third Sector: A Spanish Case Study. International Journal of Fuzzy Systems, 2022, 24, 2133-2156.	2.3	1
78	A Representation Model for CLEs based on Type-2 Fuzzy Set. , 2019, , .		0
79	A Novel Linguistic Cohesion Measure for Weighting Expertsâ€™ Subgroups in Large-Scale Group Decision Making Methods. , 2019, , .		0
80	Bootstrap Testing of Central Tendency Nullity Over Paired Fuzzy Samples. International Journal of Fuzzy Systems, 2021, 23, 1934-1954.	2.3	0
81	Flintstones: A Fuzzy Linguistic Decision Tools Enhancement Suite. , 2015, , 145-168.		0
82	2-Tuple Linguistic Decision Based Applications. , 2015, , 131-143.		0
83	Dealing with Hesitant Fuzzy Linguistic Information in Decision Making. , 2015, , 113-129.		0
84	CONSISTENCY OF HESITANT FUZZY PREFERENCE RELATIONS. , 2016, , .		0
85	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
86	Improved score based decision making method by using fuzzy soft sets. , 2018, , .		0
87	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
88	Product development partner selection based on ELICIT information. , 2020, , .		0
89	A Linguistic 2-tuple Best-Worst Method. , 2022, , 41-51.		0