

# Xunjie Gou

## List of Publications by Year in descending order

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Version: 2024-02-01

52  
papers

2,672  
citations

257450

24  
h-index

182427

51  
g-index

54  
all docs

54  
docs citations

54  
times ranked

947  
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel basic operational laws for linguistic terms, hesitant fuzzy linguistic term sets and probabilistic linguistic term sets. <i>Information Sciences</i> , 2016, 372, 407-427.	6.9	303
2	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.	19.1	270
3	The Properties of Continuous Pythagorean Fuzzy Information. <i>International Journal of Intelligent Systems</i> , 2016, 31, 401-424.	5.7	200
4	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.	6.9	200
5	Consensus reaching process for large-scale group decision making with double hierarchy hesitant fuzzy linguistic preference relations. <i>Knowledge-Based Systems</i> , 2018, 157, 20-33.	7.1	186
6	Multiple criteria decision making based on Bonferroni means with hesitant fuzzy linguistic information. <i>Soft Computing</i> , 2017, 21, 6515-6529.	3.6	159
7	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	125
8	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.	9.5	105
9	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.	6.3	90
10	An overview of interval-valued intuitionistic fuzzy information aggregations and applications. <i>Granular Computing</i> , 2017, 2, 13-39.	8.0	84
11	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.	6.9	66
12	Assessment of traffic congestion with ORESTE method under double hierarchy hesitant fuzzy linguistic environment. <i>Applied Soft Computing Journal</i> , 2020, 86, 105864.	7.2	58
13	Free Double Hierarchy Hesitant Fuzzy Linguistic Term Sets: An application on ranking alternatives in GDM. <i>Information Fusion</i> , 2019, 47, 45-59.	19.1	55
14	New operational laws and aggregation method of intuitionistic fuzzy information. <i>Journal of Intelligent and Fuzzy Systems</i> , 2015, 30, 129-141.	1.4	52
15	An online reviews-driven method for the prioritization of improvements in hotel services. <i>Tourism Management</i> , 2021, 87, 104382.	9.8	50
16	ELECTRE II method based on the cosine similarity to evaluate the performance of financial logistics enterprises under double hierarchy hesitant fuzzy linguistic environment. <i>Fuzzy Optimization and Decision Making</i> , 2023, 22, 23-49.	5.5	48
17	Managing noncooperative behaviors in large-scale group decision-making with linguistic preference orderings: The application in Internet Venture Capital. <i>Information Fusion</i> , 2021, 69, 142-155.	19.1	45
18	Exponential operations for intuitionistic fuzzy numbers and interval numbers in multi-attribute decision making. <i>Fuzzy Optimization and Decision Making</i> , 2017, 16, 183-204.	5.5	40

#	ARTICLE	IF	CITATIONS
19	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.	5.5	31
20	MANAGING CONSENSUS BY MULTI-STAGE OPTIMIZATION MODELS WITH LINGUISTIC PREFERENCE ORDERINGS AND DOUBLE HIERARCHY LINGUISTIC PREFERENCES. <i>Technological and Economic Development of Economy</i> , 2020, 26, 642-674.	4.6	30
21	The risk assessment of construction project investment based on prospect theory with linguistic preference orderings. <i>Economic Research-Ekonomska Istrazivanja</i> , 2021, 34, 709-731.	4.7	29
22	Nested probabilistic-numerical linguistic term sets in two-stage multi-attribute group decision making. <i>Applied Intelligence</i> , 2019, 49, 2582-2602.	5.3	28
23	Exponential operations of interval-valued intuitionistic fuzzy numbers. <i>International Journal of Machine Learning and Cybernetics</i> , 2016, 7, 501-518.	3.6	26
24	Tracking a Maneuvering Target by Multiple Sensors Using Extended Kalman Filter With Nested Probabilistic-Numerical Linguistic Information. <i>IEEE Transactions on Fuzzy Systems</i> , 2020, 28, 346-360.	9.8	25
25	Interval Consistency Repairing Method for Double Hierarchy Hesitant Fuzzy Linguistic Preference Relation and Application in the Diagnosis of Lung Cancer. <i>Economic Research-Ekonomska Istrazivanja</i> , 2021, 34, 1-20.	4.7	25
26	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.	3.6	23
27	Group decision making with compatibility measures of hesitant fuzzy linguistic preference relations. <i>Soft Computing</i> , 2019, 23, 1511-1527.	3.6	23
28	Double hierarchy linguistic term set and its extensions: The state-of-the-art survey. <i>International Journal of Intelligent Systems</i> , 2021, 36, 832-865.	5.7	23
29	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.	1.8	23
30	An adaptive Grey-Markov model based on parameters Self-optimization with application to passenger flow volume prediction. <i>Expert Systems With Applications</i> , 2022, 202, 117302.	7.6	22
31	An Improved PL-VIKOR Model for Risk Evaluation of Technological Innovation Projects with Probabilistic Linguistic Term Sets. <i>International Journal of Fuzzy Systems</i> , 2021, 23, 419-433.	4.0	21
32	New ranking model with evidence theory under probabilistic hesitant fuzzy context and unknown weights. <i>Neural Computing and Applications</i> , 2022, 34, 3923-3937.	5.6	20
33	Medical Supplier Selection with a Group Decision-Making Method Based on Incomplete Probabilistic Linguistic Preference Relations. <i>International Journal of Fuzzy Systems</i> , 2021, 23, 280-294.	4.0	18
34	An integrated method for multi-criteria decision-making based on the best-worst method and Dempster-Shafer evidence theory under double hierarchy hesitant fuzzy linguistic environment. <i>Applied Intelligence</i> , 2021, 51, 713-735.	5.3	17
35	Exponential operational laws and new aggregation operators of intuitionistic Fuzzy information based on Archimedean T-conorm and T-norm. <i>International Journal of Machine Learning and Cybernetics</i> , 2018, 9, 1261-1269.	3.6	15
36	Distance and Similarity Measures for Nested Probabilistic-Numerical Linguistic Term Sets Applied to Evaluation of Medical Treatment. <i>International Journal of Fuzzy Systems</i> , 2019, 21, 1306-1329.	4.0	15

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37	Virtual linguistic trust degree-based evidential reasoning approach and its application to emergency response assessment of railway station. <i>Information Sciences</i> , 2020, 513, 341-359.	6.9	14
38	Probabilistic double hierarchy linguistic alternative queuing method for real economy development evaluation under the perspective of economic financialization. <i>Economic Research-Ekonomska Istrazivanja</i> , 2021, 34, 3225-3244.	4.7	14
39	A continuous interval-valued double hierarchy linguistic GLDS method and its application in performance evaluation of bus companies. <i>Applied Intelligence</i> , 2022, 52, 4511-4526.	5.3	14
40	Hesitant Fuzzy Linguistic Possibility Degree-Based Linear Assignment Method for Multiple Criteria Decision-Making. <i>International Journal of Information Technology and Decision Making</i> , 2019, 18, 35-63.	3.9	13
41	Improved approach to quality function deployment based on Pythagorean fuzzy sets and application to assembly robot design evaluation. <i>Frontiers of Engineering Management</i> , 2020, 7, 196-203.	6.1	12
42	A novel plausible reasoning based on intuitionistic fuzzy propositional logic and its application in decision making. <i>Fuzzy Optimization and Decision Making</i> , 2020, 19, 251-274.	5.5	11
43	A multi-attribute decision-making framework for Chinese medicine medical diagnosis with correlation measures under double hierarchy hesitant fuzzy linguistic environment. <i>Computers and Industrial Engineering</i> , 2021, 156, 107243.	6.3	10
44	The Interval probabilistic double hierarchy linguistic EDAS method based on natural language processing basic techniques and its application to hotel online reviews. <i>International Journal of Machine Learning and Cybernetics</i> , 2022, 13, 1517-1534.	3.6	10
45	Bibliometric overview and retrospective analysis of fund performance research between 1966 and 2019. <i>Economic Research-Ekonomska Istrazivanja</i> , 2020, 33, 1510-1537.	4.7	6
46	A New Perspective of Bayes Formula Based on Dê“S Theory in Interval Intuitionistic Fuzzy Environment and Its Applications. <i>International Journal of Fuzzy Systems</i> , 2019, 21, 1196-1213.	4.0	5
47	Consensus-Based Track Association with Multistatic Sensors under a Nested Probabilistic-Numerical Linguistic Environment. <i>Sensors</i> , 2019, 19, 1381.	3.8	4
48	Double Hierarchy Linguistic Term Set and Its Extensions. <i>Studies in Fuzziness and Soft Computing</i> , 2021, , 1-21.	0.8	3
49	AUTOMOBILE COMPONENTS PROCUREMENT USING A DEA-TOPSIS-FMIP APPROACH WITH ALL-UNIT QUANTITY DISCOUNT AND FUZZY FACTORS. <i>Technological and Economic Development of Economy</i> , 2020, 27, 311-352.	4.6	3
50	Consistency Theory Framework of DHHFLPRs. <i>Studies in Fuzziness and Soft Computing</i> , 2021, , 53-94.	0.8	0
51	Group Consensus Decision-Making Methods with DHHFLPRs, LPOs and Self-confident DHLPRs. <i>Studies in Fuzziness and Soft Computing</i> , 2021, , 95-152.	0.8	0
52	Measure Methods for DHHFLTSS. <i>Studies in Fuzziness and Soft Computing</i> , 2021, , 23-52.	0.8	0