

# Yejun Xu

## List of Publications by Year in descending order

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114  
papers

4,661  
citations

81889

39  
h-index

106340

65  
g-index

115  
all docs

115  
docs citations

115  
times ranked

1481  
citing authors

#	ARTICLE	IF	CITATIONS
1	A two-stage consensus method for large-scale multi-attribute group decision making with an application to earthquake shelter selection. <i>Computers and Industrial Engineering</i> , 2018, 116, 113-129.	6.3	200
2	A position and perspective analysis of hesitant fuzzy sets on information fusion in decision making. Towards high quality progress. <i>Information Fusion</i> , 2016, 29, 89-97.	19.1	199
3	A consensus model for hesitant fuzzy preference relations and its application in water allocation management. <i>Applied Soft Computing Journal</i> , 2017, 58, 265-284.	7.2	176
4	An overview on managing additive consistency of reciprocal preference relations for consistency-driven decision making and fusion: Taxonomy and future directions. <i>Information Fusion</i> , 2019, 52, 143-156.	19.1	164
5	Approaches based on 2-tuple linguistic power aggregation operators for multiple attribute group decision making under linguistic environment. <i>Applied Soft Computing Journal</i> , 2011, 11, 3988-3997.	7.2	162
6	Consensus of large-scale group decision making in social network: the minimum cost model based on robust optimization. <i>Information Sciences</i> , 2021, 547, 910-930.	6.9	155
7	Deriving the priority weights from incomplete hesitant fuzzy preference relations in group decision making. <i>Knowledge-Based Systems</i> , 2016, 99, 71-78.	7.1	148
8	Consensus model for large-scale group decision making based on fuzzy preference relation with self-confidence: Detecting and managing overconfidence behaviors. <i>Information Fusion</i> , 2019, 52, 245-256.	19.1	148
9	The induced generalized aggregation operators for intuitionistic fuzzy sets and their application in group decision making. <i>Applied Soft Computing Journal</i> , 2012, 12, 1168-1179.	7.2	138
10	Group decision making under hesitant fuzzy environment with application to personnel evaluation. <i>Knowledge-Based Systems</i> , 2013, 52, 1-10.	7.1	121
11	Alternative Ranking-Based Clustering and Reliability Index-Based Consensus Reaching Process for Hesitant Fuzzy Large Scale Group Decision Making. <i>IEEE Transactions on Fuzzy Systems</i> , 2019, 27, 159-171.	9.8	115
12	Social network group decision making: Managing self-confidence-based consensus model with the dynamic importance degree of experts and trust-based feedback mechanism. <i>Information Sciences</i> , 2019, 505, 215-232.	6.9	110
13	The ordinal consistency of a fuzzy preference relation. <i>Information Sciences</i> , 2013, 224, 152-164.	6.9	108
14	Distance-based consensus models for fuzzy and multiplicative preference relations. <i>Information Sciences</i> , 2013, 253, 56-73.	6.9	105
15	Linguistic power aggregation operators and their application to multiple attribute group decision making. <i>Applied Mathematical Modelling</i> , 2012, 36, 5427-5444.	4.2	101
16	Least square completion and inconsistency repair methods for additively consistent fuzzy preference relations. <i>Fuzzy Sets and Systems</i> , 2012, 198, 1-19.	2.7	100
17	Normalizing rank aggregation method for priority of a fuzzy preference relation and its effectiveness. <i>International Journal of Approximate Reasoning</i> , 2009, 50, 1287-1297.	3.3	86
18	Standard and mean deviation methods for linguistic group decision making and their applications. <i>Expert Systems With Applications</i> , 2010, 37, 5905-5912.	7.6	81

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19	Incomplete interval fuzzy preference relations and their applications. <i>Computers and Industrial Engineering</i> , 2014, 67, 93-103.	6.3	81
20	Logarithmic least squares method to priority for group decision making with incomplete fuzzy preference relations. <i>Applied Mathematical Modelling</i> , 2013, 37, 2139-2152.	4.2	78
21	A consensus reaching model for 2-tuple linguistic multiple attribute group decision making with incomplete weight information. <i>International Journal of Systems Science</i> , 2016, 47, 389-405.	5.5	65
22	A method for multiple attribute decision making with incomplete weight information under uncertain linguistic environment. <i>Knowledge-Based Systems</i> , 2008, 21, 837-841.	7.1	63
23	A conflict-eliminating approach for emergency group decision of unconventional incidents. <i>Knowledge-Based Systems</i> , 2015, 83, 92-104.	7.1	63
24	Social network clustering and consensus-based distrust behaviors management for large-scale group decision-making with incomplete hesitant fuzzy preference relations. <i>Applied Soft Computing Journal</i> , 2022, 117, 108373.	7.2	61
25	Some methods to deal with unacceptable incomplete 2-tuple fuzzy linguistic preference relations in group decision making. <i>Knowledge-Based Systems</i> , 2014, 56, 179-190.	7.1	60
26	The ordinal consistency of an incomplete reciprocal preference relation. <i>Fuzzy Sets and Systems</i> , 2014, 246, 62-77.	2.7	59
27	Eigenvector method, consistency test and inconsistency repairing for an incomplete fuzzy preference relation. <i>Applied Mathematical Modelling</i> , 2013, 37, 5171-5183.	4.2	57
28	Crowdsourcing, innovation and firm performance. <i>Management Decision</i> , 2015, 53, 1158-1169.	3.9	56
29	A distance-based framework to deal with ordinal and additive inconsistencies for fuzzy reciprocal preference relations. <i>Information Sciences</i> , 2016, 328, 189-205.	6.9	56
30	Methods to improve the ordinal and multiplicative consistency for reciprocal preference relations. <i>Applied Soft Computing Journal</i> , 2018, 67, 479-493.	7.2	54
31	Consistency and Consensus Models with Local Adjustment Strategy for Hesitant Fuzzy Linguistic Preference Relations. <i>International Journal of Fuzzy Systems</i> , 2018, 20, 2216-2233.	4.0	52
32	Visualizing and rectifying different inconsistencies for fuzzy reciprocal preference relations. <i>Fuzzy Sets and Systems</i> , 2019, 362, 85-109.	2.7	49
33	The additive consistency measure of fuzzy reciprocal preference relations. <i>International Journal of Machine Learning and Cybernetics</i> , 2018, 9, 1141-1152.	3.6	48
34	Algorithms to Detect and Rectify Multiplicative and Ordinal Inconsistencies of Fuzzy Preference Relations. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021, 51, 3498-3511.	9.3	47
35	Consistency test and weight generation for additive interval fuzzy preference relations. <i>Soft Computing</i> , 2014, 18, 1499-1513.	3.6	45
36	Hesitant fuzzy linguistic linear programming technique for multidimensional analysis of preference for multi-attribute group decision making. <i>International Journal of Machine Learning and Cybernetics</i> , 2016, 7, 845-855.	3.6	45

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37	A note on group decision-making procedure based on incomplete reciprocal relations. <i>Soft Computing</i> , 2011, 15, 1289-1300.	3.6	41
38	INTUITIONISTIC FUZZY EINSTEIN CHOQUET INTEGRAL OPERATORS FOR MULTIPLE ATTRIBUTE DECISION MAKING. <i>Technological and Economic Development of Economy</i> , 2014, 20, 227-253.	4.6	41
39	Democratic consensus reaching process for multi-person multi-criteria large scale decision making considering participants' individual attributes and concerns. <i>Information Fusion</i> , 2022, 77, 220-232.	19.1	40
40	Missing values estimation and consensus building for incomplete hesitant fuzzy preference relations with multiplicative consistency. <i>International Journal of Computational Intelligence Systems</i> , 2018, 11, 101.	2.7	40
41	Analysis of self-confidence indices-based additive consistency for fuzzy preference relations with self-confidence and its application in group decision making. <i>International Journal of Intelligent Systems</i> , 2019, 34, 920-946.	5.7	37
42	Fuzzy best-worst method and its application in initial water rights allocation. <i>Applied Soft Computing Journal</i> , 2021, 101, 107007.	7.2	36
43	Group decision making with distance measures and probabilistic information. <i>Knowledge-Based Systems</i> , 2013, 40, 81-87.	7.1	33
44	Revisiting inconsistent judgments for incomplete fuzzy linguistic preference relations: Algorithms to identify and rectify ordinal inconsistencies. <i>Knowledge-Based Systems</i> , 2019, 163, 305-319.	7.1	30
45	A chi-square method for priority derivation in group decision making with incomplete reciprocal preference relations. <i>Information Sciences</i> , 2015, 306, 166-179.	6.9	29
46	A dynamically weight adjustment in the consensus reaching process for group decision-making with hesitant fuzzy preference relations. <i>International Journal of Systems Science</i> , 2017, 48, 1311-1321.	5.5	29
47	A $k$ -core decomposition-based opinion leaders identifying method and clustering-based consensus model for large-scale group decision making. <i>Computers and Industrial Engineering</i> , 2020, 150, 106842.	6.3	29
48	Water-Energy-Food nexus evaluation with a social network group decision making approach based on hesitant fuzzy preference relations. <i>Applied Soft Computing Journal</i> , 2020, 93, 106363.	7.2	29
49	Distance measure for linguistic decision making. <i>Systems Engineering Procedia</i> , 2011, 1, 450-456.	0.3	26
50	Hesitant fuzzy linguistic ordered weighted distance operators for group decision making. <i>Journal of Applied Mathematics and Computing</i> , 2015, 49, 285-308.	2.5	26
51	A Group Decision Making Approach Considering Self-confidence Behaviors and Its Application in Environmental Pollution Emergency Management. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 385.	2.6	26
52	The graph model for conflict resolution with incomplete fuzzy reciprocal preference relations. <i>Fuzzy Sets and Systems</i> , 2019, 377, 52-70.	2.7	24
53	Optimal consensus models for group decision making under linguistic preference relations. <i>International Transactions in Operational Research</i> , 2016, 23, 1201-1228.	2.7	23
54	Some models to manage additive consistency and derive priority weights from hesitant fuzzy preference relations. <i>Information Sciences</i> , 2022, 586, 450-467.	6.9	23

#	ARTICLE	IF	CITATIONS
55	POWER GEOMETRIC OPERATORS FOR GROUP DECISION MAKING UNDER MULTIPLICATIVE LINGUISTIC PREFERENCE RELATIONS. <i>International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems</i> , 2012, 20, 139-159.	1.9	20
56	Weak transitivity of interval-valued fuzzy relations. <i>Knowledge-Based Systems</i> , 2014, 63, 24-32.	7.1	20
57	A two-stage consensus reaching model for group decision making with reciprocal fuzzy preference relations. <i>Soft Computing</i> , 2019, 23, 8057-8073.	3.6	20
58	Evaluation on connectivity of urban waterfront redevelopment under hesitant fuzzy linguistic environment. <i>Ocean and Coastal Management</i> , 2016, 132, 101-110.	4.4	19
59	A coupled stochastic inverse/sharp interface seawater intrusion approach for coastal aquifers under groundwater parameter uncertainty. <i>Journal of Hydrology</i> , 2016, 540, 774-783.	5.4	19
60	Some properties of linguistic preference relation and its ranking in group decision making. <i>Journal of Systems Engineering and Electronics</i> , 2010, 21, 244-249.	2.2	18
61	Group Decision Making in Information Systems Security Assessment Using Dual Hesitant Fuzzy Set. <i>International Journal of Intelligent Systems</i> , 2016, 31, 786-812.	5.7	18
62	Composite Decision Makers in the Graph Model for Conflict Resolution: Hesitant Fuzzy Preference Modeling. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021, 51, 7889-7902.	9.3	18
63	A distance-based aggregation approach for group decision making with interval preference orderings. <i>Computers and Industrial Engineering</i> , 2014, 72, 178-186.	6.3	17
64	A consensus model for group decision making with self-confident linguistic preference relations. <i>International Journal of Intelligent Systems</i> , 2021, 36, 6360-6386.	5.7	17
65	An incomplete multi-granular linguistic model and its application in emergency decision of unconventional outburst incidents. <i>Journal of Intelligent and Fuzzy Systems</i> , 2015, 29, 619-633.	1.4	16
66	Water allocation analysis of the Zhanghe River basin using the Graph Model for Conflict Resolution with incomplete fuzzy preferences. <i>Sustainability</i> , 2019, 11, 1099.	3.2	16
67	Multiplicative Consistency Ascertain, Inconsistency Repairing, and Weights Derivation of Hesitant Multiplicative Preference Relations. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022, 52, 6806-6821.	9.3	16
68	Key Disaster-Causing Factors Chains on Urban Flood Risk Based on Bayesian Network. <i>Land</i> , 2021, 10, 210.	2.9	16
69	Water-Energy-Food nexus evaluation using an inverse approach of the graph model for conflict resolution based on incomplete fuzzy preferences. <i>Applied Soft Computing Journal</i> , 2022, 120, 108703.	7.2	16
70	Consensus progress for large-scale group decision making in social networks with incomplete probabilistic hesitant fuzzy information. <i>Applied Soft Computing Journal</i> , 2022, 126, 109249.	7.2	16
71	The induced intuitionistic fuzzy Einstein aggregation and its application in group decision-making. <i>Journal of Industrial and Production Engineering</i> , 2013, 30, 2-14.	3.1	15
72	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.	3.9	15

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73	A dynamic expert contribution-based consensus model for hesitant fuzzy group decision making with an application to water resources allocation selection. <i>Soft Computing</i> , 2020, 24, 4693-4708.	3.6	15
74	IFWA and IFWGM Methods for MADM under Atanassov's Intuitionistic Fuzzy Environment. <i>International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems</i> , 2015, 23, 263-284.	1.9	14
75	A group consensus decision support model for hesitant 2-tuple fuzzy linguistic preference relations with additive consistency. <i>Journal of Intelligent and Fuzzy Systems</i> , 2017, 33, 41-54.	1.4	14
76	Matrix representation of stability definitions for the graph model for conflict resolution with reciprocal preference relations. <i>Fuzzy Sets and Systems</i> , 2021, 409, 32-54.	2.7	14
77	An Approach to Group Decision Making Problems Based on 2-Tuple Linguistic Aggregation Operators. , 2008, , .		13
78	Linear goal programming approach to obtaining the weights of intuitionistic fuzzy ordered weighted averaging operator. <i>Journal of Systems Engineering and Electronics</i> , 2010, 21, 990-994.	2.2	13
79	Some proportional 2-tuple geometric aggregation operators for linguistic decision making. <i>Journal of Intelligent and Fuzzy Systems</i> , 2013, 25, 833-843.	1.4	13
80	An Alternative Consensus Model of Additive Preference Relations for Group Decision Making Based on the Ordinal Consistency. <i>International Journal of Fuzzy Systems</i> , 2019, 21, 1818-1830.	4.0	13
81	Fuzzy group decision-making with generalized probabilistic OWA operators. <i>Journal of Intelligent and Fuzzy Systems</i> , 2014, 27, 783-792.	1.4	12
82	INCOMPLETE INTERVAL FUZZY PREFERENCE RELATIONS FOR SUPPLIER SELECTION IN SUPPLY CHAIN MANAGEMENT. <i>Technological and Economic Development of Economy</i> , 2015, 21, 379-404.	4.6	12
83	Distance-based nonlinear programming models to identify and adjust inconsistencies for linguistic preference relations. <i>Soft Computing</i> , 2018, 22, 4833-4849.	3.6	12
84	Additive consistency exploration of linguistic preference relations with self-confidence. <i>Artificial Intelligence Review</i> , 2023, 56, 257-285.	15.7	12
85	An improved HK model-driven consensus reaching for group decision making under interval-valued fuzzy preference relations with self-confidence. <i>Computers and Industrial Engineering</i> , 2022, 171, 108438.	6.3	12
86	An Interactive Approach Based on Alternative Achievement Scale and Alternative Comprehensive Scale for Multiple Attribute Decision Making under Linguistic Environment. <i>International Journal of Computational Intelligence Systems</i> , 2013, 6, 87.	2.7	11
87	A least deviation method for priority derivation in group decision making with incomplete reciprocal preference relations. <i>International Journal of Approximate Reasoning</i> , 2015, 66, 91-102.	3.3	11
88	A Gower Plot-Based Approach to Ascertain and Adjust the Ordinal and Additive Inconsistencies for Fuzzy Linguistic Preference Relations. <i>International Journal of Fuzzy Systems</i> , 2017, 19, 2003-2019.	4.0	11
89	Dual hesitant fuzzy interaction operators and their application to group decision making. <i>Journal of Industrial and Production Engineering</i> , 2015, 32, 273-290.	3.1	10
90	An interindividual iterative consensus model for fuzzy preference relations. <i>International Journal of Intelligent Systems</i> , 2019, 34, 1864-1888.	5.7	10

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91	A Trust Risk Dynamic Management Mechanism Based on Third-Party Monitoring for the Conflict-Eliminating Process of Social Network Group Decision Making. <i>IEEE Transactions on Cybernetics</i> , 2023, 53, 3399-3413.	9.5	10
92	A comment on "Incomplete fuzzy linguistic preference relations under uncertain environments". <i>Information Fusion</i> , 2014, 20, 2-5.	19.1	9
93	A consensus-based method for group decision making with incomplete uncertain linguistic preference relations. <i>Soft Computing</i> , 2019, 23, 669-682.	3.6	9
94	Missing values estimation for incomplete uncertain linguistic preference relations and its application in group decision making. <i>Journal of Intelligent and Fuzzy Systems</i> , 2019, 36, 1809-1822.	1.4	8
95	Matrix representation of stability definitions in the graph model for conflict resolution with grey-based preferences. <i>Discrete Applied Mathematics</i> , 2022, 320, 106-125.	0.9	8
96	Standard deviation method for determining the weights of group multiple attribute decision making under uncertain linguistic environment. , 2008, , .		7
97	Note on "The induced continuous ordered weighted geometric operators and their application in group decision making". <i>Computers and Industrial Engineering</i> , 2010, 59, 365-366.	6.3	7
98	Evaluation on Functions of Urban Waterfront Redevelopment Based on Proportional 2-Tuple Linguistic. <i>International Journal of Computational Intelligence Systems</i> , 2014, 7, 796-808.	2.7	7
99	Multiattribute social network matching with unknown weight and different risk preference. <i>Journal of Intelligent and Fuzzy Systems</i> , 2020, 38, 4031-4048.	1.4	7
100	An eigenvector method based consistency improving procedure for fuzzy and multiplicative preference relations. <i>Journal of Intelligent and Fuzzy Systems</i> , 2017, 33, 1491-1503.	1.4	6
101	A METHOD BASED ON MEAN DEVIATION FOR WEIGHT DETERMINATION FROM FUZZY PREFERENCE RELATIONS AND MULTIPLICATIVE PREFERENCE RELATIONS. <i>International Journal of Information Technology and Decision Making</i> , 2012, 11, 627-641.	3.9	5
102	Improving Regional Climate Projections by Prioritized Aggregation via Ordered Weighted Averaging Operators. <i>Environmental Engineering Science</i> , 2017, 34, 880-886.	1.6	5
103	Application of Fuzzy Set/Qualitative Comparative Analysis to Public Participation Projects in Support of the EU Water Framework Directive. <i>Water Environment Research</i> , 2018, 90, 74-83.	2.7	5
104	Optimal Weight Determination and Consensus Formation under Fuzzy Linguistic Environment. <i>Procedia Computer Science</i> , 2013, 17, 482-489.	2.0	4
105	Consensus models based on distance for interval fuzzy and multiplicative preference relations. <i>Journal of Intelligent and Fuzzy Systems</i> , 2016, 31, 503-518.	1.4	4
106	The graph model for conflict resolution with consensus fuzzy preferences and its application to environmental sustainable development. <i>Journal of Intelligent and Fuzzy Systems</i> , 2020, 39, 6721-6731.	1.4	3
107	Consensus models with aggregation operators for minimum quadratic cost in group decision making. <i>Applied Intelligence</i> , 2023, 53, 1370-1390.	5.3	3
108	A revised procedure to estimate missing values in incomplete fuzzy preference relations. , 2014, , .		1

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109	A conflict resolution approach for emergency decision of unconventional incidents. , 2014, , .		1
110	A method for multiple attribute decision making with incomplete weight information under uncertain linguistic preference relations. , 2007, , .		0
111	Dependent Weighted Geometric Averaging Operators and their Application to Decision Making. , 2008, , .		0
112	A Mean Deviation Based Method for Intuitionistic Fuzzy Multiple Attribute Decision Making. , 2010, , .		0
113	A consistency improving procedure for fuzzy preference relations based on eigenvector method. , 2016, , .		0
114	Consensus: The Minimum Cost Model based Robust Optimization. , 2019, , .		0