

# Yejun Xu

## List of Publications by Year in descending order

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114  
papers

4,661  
citations

93792

39  
h-index

120465

65  
g-index

115  
all docs

115  
docs citations

115  
times ranked

1661  
citing authors

#	ARTICLE	IF	CITATIONS
1	Additive consistency exploration of linguistic preference relations with self-confidence. <i>Artificial Intelligence Review</i> , 2023, 56, 257-285.	9.7	12
2	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.	6.2	10
3	Consensus models with aggregation operators for minimum quadratic cost in group decision making. <i>Applied Intelligence</i> , 2023, 53, 1370-1390.	3.3	3
4	Multiplicative Consistency Ascertaining, Inconsistency Repairing, and Weights Derivation of Hesitant Multiplicative Preference Relations. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022, 52, 6806-6821.	5.9	16
5	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.	11.7	40
6	Some models to manage additive consistency and derive priority weights from hesitant fuzzy preference relations. <i>Information Sciences</i> , 2022, 586, 450-467.	4.0	23
7	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.	4.1	61
8	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.	4.1	16
9	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.	0.5	8
10	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.	3.4	12
11	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.	4.1	16
12	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.	5.9	18
13	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.	1.6	14
14	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.	4.0	155
15	Fuzzy best-worst method and its application in initial water rights allocation. <i>Applied Soft Computing Journal</i> , 2021, 101, 107007.	4.1	36
16	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.	5.9	47
17	Key Disaster-Causing Factors Chains on Urban Flood Risk Based on Bayesian Network. <i>Land</i> , 2021, 10, 210.	1.2	16
18	A consensus model for group decision making with self-confident linguistic preference relations. <i>International Journal of Intelligent Systems</i> , 2021, 36, 6360-6386.	3.3	17

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19	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.	2.1	15
20	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.	3.4	29
21	Multiattribute social network matching with unknown weight and different risk preference. <i>Journal of Intelligent and Fuzzy Systems</i> , 2020, 38, 4031-4048.	0.8	7
22	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.	4.1	29
23	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.	0.8	3
24	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.	0.8	8
25	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.	2.3	13
26	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.	4.0	110
27	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.	1.6	16
28	An interindividual iterative consensus model for fuzzy preference relations. <i>International Journal of Intelligent Systems</i> , 2019, 34, 1864-1888.	3.3	10
29	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.	11.7	148
30	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.	1.2	26
31	Consensus: The Minimum Cost Model based Robust Optimization. , 2019, , .		0
32	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.	4.0	30
33	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.	11.7	164
34	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.	3.3	37
35	The graph model for conflict resolution with incomplete fuzzy reciprocal preference relations. <i>Fuzzy Sets and Systems</i> , 2019, 377, 52-70.	1.6	24
36	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.	6.5	115

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37	A two-stage consensus reaching model for group decision making with reciprocal fuzzy preference relations. <i>Soft Computing</i> , 2019, 23, 8057-8073.	2.1	20
38	Visualizing and rectifying different inconsistencies for fuzzy reciprocal preference relations. <i>Fuzzy Sets and Systems</i> , 2019, 362, 85-109.	1.6	49
39	A consensus-based method for group decision making with incomplete uncertain linguistic preference relations. <i>Soft Computing</i> , 2019, 23, 669-682.	2.1	9
40	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.	2.3	52
41	Methods to improve the ordinal and multiplicative consistency for reciprocal preference relations. <i>Applied Soft Computing Journal</i> , 2018, 67, 479-493.	4.1	54
42	The additive consistency measure of fuzzy reciprocal preference relations. <i>International Journal of Machine Learning and Cybernetics</i> , 2018, 9, 1141-1152.	2.3	48
43	Distance-based nonlinear programming models to identify and adjust inconsistencies for linguistic preference relations. <i>Soft Computing</i> , 2018, 22, 4833-4849.	2.1	12
44	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.	1.9	15
45	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.	3.4	200
46	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.	1.3	5
47	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.	1.6	40
48	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.	4.1	176
49	Improving Regional Climate Projections by Prioritized Aggregation via Ordered Weighted Averaging Operators. <i>Environmental Engineering Science</i> , 2017, 34, 880-886.	0.8	5
50	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.	0.8	6
51	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.	0.8	14
52	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.	2.3	11
53	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.	3.7	29
54	Consensus models based on distance for interval fuzzy and multiplicative preference relations. <i>Journal of Intelligent and Fuzzy Systems</i> , 2016, 31, 503-518.	0.8	4

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55	Group Decision Making in Information Systems Security Assessment Using Dual Hesitant Fuzzy Set. International Journal of Intelligent Systems, 2016, 31, 786-812.	3.3	18
56	Evaluation on connectivity of urban waterfront redevelopment under hesitant fuzzy linguistic environment. Ocean and Coastal Management, 2016, 132, 101-110.	2.0	19
57	A consistency improving procedure for fuzzy preference relations based on eigenvector method. , 2016, , .		0
58	A coupled stochastic inverse/sharp interface seawater intrusion approach for coastal aquifers under groundwater parameter uncertainty. Journal of Hydrology, 2016, 540, 774-783.	2.3	19
59	Optimal consensus models for group decision making under linguistic preference relations. International Transactions in Operational Research, 2016, 23, 1201-1228.	1.8	23
60	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
61	Deriving the priority weights from incomplete hesitant fuzzy preference relations in group decision making. Knowledge-Based Systems, 2016, 99, 71-78.	4.0	148
62	A distance-based framework to deal with ordinal and additive inconsistencies for fuzzy reciprocal preference relations. Information Sciences, 2016, 328, 189-205.	4.0	56
63	Hesitant fuzzy linguistic linear programming technique for multidimensional analysis of preference for multi-attribute group decision making. International Journal of Machine Learning and Cybernetics, 2016, 7, 845-855.	2.3	45
64	A consensus reaching model for 2-tuple linguistic multiple attribute group decision making with incomplete weight information. International Journal of Systems Science, 2016, 47, 389-405.	3.7	65
65	An incomplete multi-granular linguistic model and its application in emergency decision of unconventional outburst incidents. Journal of Intelligent and Fuzzy Systems, 2015, 29, 619-633.	0.8	16
66	Dual hesitant fuzzy interaction operators and their application to group decision making. Journal of Industrial and Production Engineering, 2015, 32, 273-290.	2.1	10
67	A chi-square method for priority derivation in group decision making with incomplete reciprocal preference relations. Information Sciences, 2015, 306, 166-179.	4.0	29
68	Crowdsourcing, innovation and firm performance. Management Decision, 2015, 53, 1158-1169.	2.2	56
69	IFWA and IFWGM Methods for MADM under Atanassov's Intuitionistic Fuzzy Environment. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2015, 23, 263-284.	0.9	14
70	A conflict-eliminating approach for emergency group decision of unconventional incidents. Knowledge-Based Systems, 2015, 83, 92-104.	4.0	63
71	A least deviation method for priority derivation in group decision making with incomplete reciprocal preference relations. International Journal of Approximate Reasoning, 2015, 66, 91-102.	1.9	11
72	Hesitant fuzzy linguistic ordered weighted distance operators for group decision making. Journal of Applied Mathematics and Computing, 2015, 49, 285-308.	1.2	26

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73	INCOMPLETE INTERVAL FUZZY PREFERENCE RELATIONS FOR SUPPLIER SELECTION IN SUPPLY CHAIN MANAGEMENT. Technological and Economic Development of Economy, 2015, 21, 379-404.	2.3	12
74	Evaluation on Functions of Urban Waterfront Redevelopment Based on Proportional 2-Tuple Linguistic. International Journal of Computational Intelligence Systems, 2014, 7, 796-808.	1.6	7
75	Fuzzy group decision-making with generalized probabilistic OWA operators. Journal of Intelligent and Fuzzy Systems, 2014, 27, 783-792.	0.8	12
76	Weak transitivity of interval-valued fuzzy relations. Knowledge-Based Systems, 2014, 63, 24-32.	4.0	20
77	Some methods to deal with unacceptable incomplete 2-tuple fuzzy linguistic preference relations in group decision making. Knowledge-Based Systems, 2014, 56, 179-190.	4.0	60
78	A distance-based aggregation approach for group decision making with interval preference orderings. Computers and Industrial Engineering, 2014, 72, 178-186.	3.4	17
79	INTUITIONISTIC FUZZY EINSTEIN CHOQUET INTEGRAL OPERATORS FOR MULTIPLE ATTRIBUTE DECISION MAKING. Technological and Economic Development of Economy, 2014, 20, 227-253.	2.3	41
80	A revised procedure to estimate missing values in incomplete fuzzy preference relations. , 2014, , .		1
81	Consistency test and weight generation for additive interval fuzzy preference relations. Soft Computing, 2014, 18, 1499-1513.	2.1	45
82	The ordinal consistency of an incomplete reciprocal preference relation. Fuzzy Sets and Systems, 2014, 246, 62-77.	1.6	59
83	Incomplete interval fuzzy preference relations and their applications. Computers and Industrial Engineering, 2014, 67, 93-103.	3.4	81
84	A comment on "Incomplete fuzzy linguistic preference relations under uncertain environments". Information Fusion, 2014, 20, 2-5.	11.7	9
85	A conflict resolution approach for emergency decision of unconventional incidents. , 2014, , .		1
86	Some proportional 2-tuple geometric aggregation operators for linguistic decision making. Journal of Intelligent and Fuzzy Systems, 2013, 25, 833-843.	0.8	13
87	Optimal Weight Determination and Consensus Formation under Fuzzy Linguistic Environment. Procedia Computer Science, 2013, 17, 482-489.	1.2	4
88	Group decision making with distance measures and probabilistic information. Knowledge-Based Systems, 2013, 40, 81-87.	4.0	33
89	Group decision making under hesitant fuzzy environment with application to personnel evaluation. Knowledge-Based Systems, 2013, 52, 1-10.	4.0	121
90	Distance-based consensus models for fuzzy and multiplicative preference relations. Information Sciences, 2013, 253, 56-73.	4.0	105

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91	Eigenvector method, consistency test and inconsistency repairing for an incomplete fuzzy preference relation. Applied Mathematical Modelling, 2013, 37, 5171-5183.	2.2	57
92	The ordinal consistency of a fuzzy preference relation. Information Sciences, 2013, 224, 152-164.	4.0	108
93	The induced intuitionistic fuzzy Einstein aggregation and its application in group decision-making. Journal of Industrial and Production Engineering, 2013, 30, 2-14.	2.1	15
94	Logarithmic least squares method to priority for group decision making with incomplete fuzzy preference relations. Applied Mathematical Modelling, 2013, 37, 2139-2152.	2.2	78
95	An Interactive Approach Based on Alternative Achievement Scale and Alternative Comprehensive Scale for Multiple Attribute Decision Making under Linguistic Environment. International Journal of Computational Intelligence Systems, 2013, 6, 87.	1.6	11
96	A METHOD BASED ON MEAN DEVIATION FOR WEIGHT DETERMINATION FROM FUZZY PREFERENCE RELATIONS AND MULTIPLICATIVE PREFERENCE RELATIONS. International Journal of Information Technology and Decision Making, 2012, 11, 627-641.	2.3	5
97	POWER GEOMETRIC OPERATORS FOR GROUP DECISION MAKING UNDER MULTIPLICATIVE LINGUISTIC PREFERENCE RELATIONS. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2012, 20, 139-159.	0.9	20
98	Linguistic power aggregation operators and their application to multiple attribute group decision making. Applied Mathematical Modelling, 2012, 36, 5427-5444.	2.2	101
99	Least square completion and inconsistency repair methods for additively consistent fuzzy preference relations. Fuzzy Sets and Systems, 2012, 198, 1-19.	1.6	100
100	The induced generalized aggregation operators for intuitionistic fuzzy sets and their application in group decision making. Applied Soft Computing Journal, 2012, 12, 1168-1179.	4.1	138
101	Distance measure for linguistic decision making. Systems Engineering Procedia, 2011, 1, 450-456.	0.3	26
102	A note on group decision-making procedure based on incomplete reciprocal relations. Soft Computing, 2011, 15, 1289-1300.	2.1	41
103	Approaches based on 2-tuple linguistic power aggregation operators for multiple attribute group decision making under linguistic environment. Applied Soft Computing Journal, 2011, 11, 3988-3997.	4.1	162
104	Note on "The induced continuous ordered weighted geometric operators and their application in group decision making". Computers and Industrial Engineering, 2010, 59, 365-366.	3.4	7
105	Standard and mean deviation methods for linguistic group decision making and their applications. Expert Systems With Applications, 2010, 37, 5905-5912.	4.4	81
106	Linear goal programming approach to obtaining the weights of intuitionistic fuzzy ordered weighted averaging operator. Journal of Systems Engineering and Electronics, 2010, 21, 990-994.	1.1	13
107	A Mean Deviation Based Method for Intuitionistic Fuzzy Multiple Attribute Decision Making. , 2010, , .		0
108	Some properties of linguistic preference relation and its ranking in group decision making. Journal of Systems Engineering and Electronics, 2010, 21, 244-249.	1.1	18

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109	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.	1.9	86
110	A method for multiple attribute decision making with incomplete weight information under uncertain linguistic environment. <i>Knowledge-Based Systems</i> , 2008, 21, 837-841.	4.0	63
111	An Approach to Group Decision Making Problems Based on 2-Tuple Linguistic Aggregation Operators. , 2008, , .		13
112	Standard deviation method for determining the weights of group multiple attribute decision making under uncertain linguistic environment. , 2008, , .		7
113	Dependent Weighted Geometric Averaging Operators and their Application to Decision Making. , 2008, , .		0
114	A method for multiple attribute decision making with incomplete weight information under uncertain linguistic preference relations. , 2007, , .		0