Dejian Yu

List of Publications by Year
in descending order

96	3,556	109321	155660
papers	citations	35	55
		h-index	g-index

96	96	96	1943
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Intuitionistic fuzzy geometric Heronian mean aggregation operators. Applied Soft Computing Journal, 2013, 13, 1235-1246.	7.2	198
2	Interval-valued intuitionistic fuzzy prioritized operators and their application in group decision making. Knowledge-Based Systems, 2012, 30, 57-66.	7.1	189
3	Information sciences 1968â€"2016: A retrospective analysis with text mining and bibliometric. Information Sciences, 2017, 418-419, 619-634.	6.9	163
4	Group decision making under hesitant fuzzy environment with application to personnel evaluation. Knowledge-Based Systems, 2013, 52, 1-10.	7.1	121
5	Analysis of Collaboration Evolution in AHP Research: 1982â€"2018. International Journal of Information Technology and Decision Making, 2021, 20, 7-36.	3.9	120
6	Researching the development of Atanassov intuitionistic fuzzy set: Using a citation network analysis. Applied Soft Computing Journal, 2015, 32, 189-198.	7.2	110
7	A scientometrics review on aggregation operator research. Scientometrics, 2015, 105, 115-133.	3.0	105
8	Visualization and quantitative research on intuitionistic fuzzy studies. Journal of Intelligent and Fuzzy Systems, 2016, 30, 3653-3663.	1.4	100
9	Bibliometric analysis of fuzzy theory research in China: A 30-year perspective. Knowledge-Based Systems, 2018, 141, 188-199.	7.1	98
10	Exploring the Ordered Weighted Averaging Operator Knowledge Domain: A Bibliometric Analysis. International Journal of Intelligent Systems, 2017, 32, 1151-1166.	5.7	80
11	Triangular Hesitant Fuzzy Set and Its Application to Teaching Quality Evaluation. Journal of Information and Computational Science, 2013, 10, 1925-1934.	0.1	78
12	Mapping development of linguistic decision making studies. Journal of Intelligent and Fuzzy Systems, 2016, 30, 2727-2736.	1.4	77
13	Mapping research on carbon emissions trading: a co-citation analysis. Renewable and Sustainable Energy Reviews, 2017, 74, 1314-1322.	16.4	77
14	Group decision making based on generalized intuitionistic fuzzy prioritized geometric operator. International Journal of Intelligent Systems, 2012, 27, 635-661.	5.7	74
15	A bibliometric study for DEA applied to energy efficiency: Trends and future challenges. Applied Energy, 2020, 268, 115048.	10.1	72
16	Intuitionistic fuzzy information aggregation under confidence levels. Applied Soft Computing Journal, 2014, 19, 147-160.	7.2	71
17	The Structure and Citation Landscape of IEEE Transactions on Fuzzy Systems (1994â€"2015). IEEE Transactions on Fuzzy Systems, 2018, 26, 430-442.	9.8	66
18	Bibliometric analysis of support vector machines research trend: a case study in China. International Journal of Machine Learning and Cybernetics, 2020, 11, 715-728.	3.6	66

#	Article	IF	Citations
19	Tracing knowledge diffusion of TOPSIS: A historical perspective from citation network. Expert Systems With Applications, 2021, 168, 114238.	7.6	63
20	Knowledge diffusion paths of blockchain domain: the main path analysis. Scientometrics, 2020, 125, 471-497.	3.0	61
21	A Bibliometric Analysis of the First Twenty-Five Years of the International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 2018, 26, 169-193.	1.9	59
22	Dual hesitant fuzzy group decision making method and its application to supplier selection. International Journal of Machine Learning and Cybernetics, 2016, 7, 819-831.	3.6	57
23	INTUITIONISTIC FUZZY PRIORITIZED OPERATORS AND THEIR APPLICATION IN MULTI-CRITERIA GROUP DECISION MAKING. Technological and Economic Development of Economy, 2013, 19, 1-21.	4.6	54
24	Some Hesitant Fuzzy Information Aggregation Operators Based on Einstein Operational Laws. International Journal of Intelligent Systems, 2014, 29, 320-340.	5.7	54
25	Bibliometric analysis on the evolution of applied intelligence. Applied Intelligence, 2019, 49, 449-462.	5.3	54
26	A Bibliometric Analysis of Research on Multiple Criteria Decision Making. Current Science, 2018, 114, 747.	0.8	53
27	Intuitionistic fuzzy two-sided matching model and its application to personnel-position matching problems. Journal of the Operational Research Society, 2020, 71, 312-321.	3.4	51
28	DUAL HESITANT FUZZY AGGREGATION OPERATORS. Technological and Economic Development of Economy, 2016, 22, 194-209.	4.6	45
29	A hybrid approach combining an extended BBO algorithm with an intuitionistic fuzzy entropy weight method for QoS-aware manufacturing service supply chain optimization. Neurocomputing, 2018, 272, 439-452.	5.9	43
30	Prioritized Information Fusion Method for Triangular Intuitionistic Fuzzy Set and its Application to Teaching Quality Evaluation. International Journal of Intelligent Systems, 2013, 28, 411-435.	5.7	42
31	Correlation-aware manufacturing service composition model using an extended flower pollination algorithm. International Journal of Production Research, 2018, 56, 4676-4691.	7.5	42
32	A multiple-link, mutually reinforced journal-ranking model to measure the prestige of journals. Scientometrics, 2017, 111, 521-542.	3.0	41
33	Intuitionistic fuzzy theory based typhoon disaster evaluation in Zhejiang Province, China: a comparative perspective. Natural Hazards, 2015, 75, 2559-2576.	3.4	40
34	Bibliometric analysis of rough sets research. Applied Soft Computing Journal, 2020, 94, 106467.	7.2	38
35	Hesitant fuzzy prioritized operators and their application in multi-criteria group decision making. African Journal of Business Management, 2012, 6, .	0.5	37
36	HESITANT FUZZY MULTI-CRITERIA DECISION MAKING METHODS BASED ON HERONIAN MEAN. Technological and Economic Development of Economy, 2017, 23, 296-315.	4.6	36

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37	Group Decision Making Under Interval-Valued Multiplicative Intuitionistic Fuzzy Environment Based on Archimedean t-Conorm and t-Norm. International Journal of Intelligent Systems, 2015, 30, 590-616.	5.7	34
38	Some geometric Choquet aggregation operators using Einstein operations under intuitionistic fuzzy environment. Journal of Intelligent and Fuzzy Systems, 2014, 26, 491-500.	1.4	33
39	A bibliometric analysis of Fuzzy Optimization and Decision Making (2002â€"2017). Fuzzy Optimization and Decision Making, 2019, 18, 371-397.	5.5	32
40	Analysis of evolutionary process in intuitionistic fuzzy set theory: A dynamic perspective. Information Sciences, 2022, 601, 175-188.	6.9	31
41	THE EVOLUTION OF "TECHNOLOGICAL AND ECONOMIC DEVELOPMENT OF ECONOMYâ€œ: A BIBLIOMETRIC ANALYSIS. Technological and Economic Development of Economy, 2019, 25, 369-385.	4.6	29
42	Archimedean Aggregation Operators Based on Dual Hesitant Fuzzy Set and Their Application to GDM. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2015, 23, 761-780.	1.9	25
43	A Bibliometrics analysis on big data research (2009â€"2018). Journal of Data Information and Management, 2019, 1, 3-15.	2.7	25
44	Some Generalized Dual Hesistant Fuzzy Geometric Aggregation Operators and Applications. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2014, 22, 367-384.	1.9	23
45	A new fuzzy QoS-aware manufacture service composition method using extended flower pollination algorithm. Journal of Intelligent Manufacturing, 2019, 30, 2069-2083.	7.3	23
46	Research trends in life cycle assessment research: A 20-year bibliometric analysis (1999â€"2018). Environmental Impact Assessment Review, 2020, 85, 106461.	9.2	23
47	Fuzzy decision making in complex frameworks with generalized aggregation operators. Applied Soft Computing Journal, 2018, 68, 314-321.	7.2	22
48	Intuitionistic multiplicative aggregation operators with their application in group decision making. Journal of Intelligent and Fuzzy Systems, 2014, 27, 131-142.	1.4	21
49	A novel process to determine consensus thresholds and its application in probabilistic linguistic group decision-making. Expert Systems With Applications, 2021, 168, 114315.	7.6	21
50	Decision making based on generalized geometric operator under interval-valued intuitionistic fuzzy environment. Journal of Intelligent and Fuzzy Systems, 2013, 25, 471-480.	1.4	20
51	Weak transitivity of interval-valued fuzzy relations. Knowledge-Based Systems, 2014, 63, 24-32.	7.1	20
52	Multiattribute decision making based on intuitionistic fuzzy interaction average operators: a comparison. International Transactions in Operational Research, 2015, 22, 1017-1032.	2.7	20
53	A theme evolution and knowledge trajectory study in AHP using science mapping and main path analysis. Expert Systems With Applications, 2022, 205, 117675.	7.6	20
54	Hybrid self-optimized clustering model based on citation links and textual features to detect research topics. PLoS ONE, 2017, 12, e0187164.	2.5	19

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55	A bibliometric overview of International Journal of Machine Learning and Cybernetics between 2010 and 2017. International Journal of Machine Learning and Cybernetics, 2019, 10, 2375-2387.	3.6	19
56	Group Decision Making in Information Systems Security Assessment Using Dual Hesitant Fuzzy Set. International Journal of Intelligent Systems, 2016, 31, 786-812.	5.7	18
57	Tracing the main path of interdisciplinary research considering citation preference: A case from blockchain domain. Journal of Informetrics, 2021, 15, 101136.	2.9	18
58	Knowledge diffusion of supply chain bullwhip effect: main path analysis and science mapping analysis. Scientometrics, 2021, 126, 8491-8515.	3.0	18
59	BIBLIOMETRIC ANALYSIS OF THE JOURNAL OF CIVIL ENGINEERING AND MANAGEMENT BETWEEN 2008 AND 2018. Journal of Civil Engineering and Management, 2019, 25, 402-410.	3.5	18
60	A distance-based aggregation approach for group decision making with interval preference orderings. Computers and Industrial Engineering, 2014, 72, 178-186.	6.3	17
61	Softmax function based intuitionistic fuzzy multi-criteria decision making and applications. Operational Research, 2016, 16, 327-348.	2.0	17
62	Combined Approach for Government E-Tendering Using GA and TOPSIS with Intuitionistic Fuzzy Information. PLoS ONE, 2015, 10, e0130767.	2.5	16
63	A novel method based on FTS with both GA-FCM and multifactor BPNN for stock forecasting. Soft Computing, 2019, 23, 6979-6994.	3.6	15
64	A New Manufacturing Service Selection and Composition Method Using Improved Flower Pollination Algorithm. Mathematical Problems in Engineering, 2016, 2016, 1-12.	1.1	14
65	Probabilistic OWA distances applied to asset management. Soft Computing, 2018, 22, 4855-4878.	3.6	14
66	A multi-factor and high-order stock forecast model based on Type-2 FTS using cuckoo search and self-adaptive harmony search. Neurocomputing, 2017, 240, 13-24.	5.9	13
67	Intuitionistic fuzzy multi-criteria decision making with application to job hunting: A comparative perspective. Journal of Intelligent and Fuzzy Systems, 2016, 30, 1935-1946.	1.4	12
68	Influence difference main path analysis: Evidence from DNA and blockchain domain citation networks. Journal of Informetrics, 2021, 15, 101186.	2.9	12
69	Identifying technological development trajectories in blockchain domain: a patent citation network analysis. Technology Analysis and Strategic Management, 2021, 33, 1484-1497.	3.5	12
70	Interval-valued 2-tuple hesitant fuzzy linguistic term set and its application in multiple attribute decision making. Journal of Intelligent and Fuzzy Systems, 2018, 34, 4225-4236.	1.4	11
71	The longitudinal research of type-2 fuzzy sets domain: From conceptual structure and knowledge diffusion perspectives. Information Sciences, 2021, 568, 317-332.	6.9	11
72	A Combination of Extended Fuzzy AHP and Fuzzy GRA for Government E-Tendering in Hybrid Fuzzy Environment. Scientific World Journal, The, 2014, 2014, 1-11.	2.1	10

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73	An overview of biomass energy research with bibliometric indicators. Energy and Environment, 2018, 29, 576-590.	4.6	9
74	A new three-dimensional manufacturing service composition method under various structures using improved Flower Pollination Algorithm. Enterprise Information Systems, 2018, 12, 620-637.	4.7	9
75	Hydrogen Production Technologies Evaluation Based on Interval-Valued Intuitionistic Fuzzy Multiattribute Decision Making Method. Journal of Applied Mathematics, 2014, 2014, 1-10.	0.9	8
76	Triangular Atanassov's intuitionistic fuzzy Bonferroni mean and application to supplier selection. Journal of Intelligent and Fuzzy Systems, 2015, 28, 2785-2791.	1.4	8
77	Dynamic structure and knowledge diffusion trajectory research in green supply chain. Journal of Intelligent and Fuzzy Systems, 2021, 40, 4979-4991.	1.4	8
78	Capturing knowledge trajectories of mobile learning research: A main path analysis. Education and Information Technologies, 2022, 27, 7257-7280.	5.7	7
79	Combining machine learning and main path analysis to identify research front: from the perspective of science-technology linkage. Scientometrics, 2022, 127, 4251-4274.	3.0	7
80	Exploring the knowledge development trajectories of the supply chain finance domain: a main path analysis. International Journal of Logistics Management, 2021, 32, 1315-1333.	6.6	6
81	Knowledge Diffusion Trajectories in the Hesitant Fuzzy Domain in the Past Decade: A Citation-Based Analysis. International Journal of Fuzzy Systems, 2022, 24, 2382-2396.	4.0	6
82	Combining Extended Imperialist Competitive Algorithm with a Genetic Algorithm to Solve the Distributed Integration of Process Planning and Scheduling Problem. Mathematical Problems in Engineering, 2017, 2017, 1-13.	1.1	5
83	Co-words Analysis of the Last Ten Years of the International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems. Communications in Computer and Information Science, 2018, , 667-677.	0.5	5
84	Intuitionistic fuzzy information aggregation and its application on multi-criteria decision-making. Journal of Industrial and Production Engineering, 2013, 30, 281-290.	3.1	4
85	An Extended Genetic Algorithm for Distributed Integration of Fuzzy Process Planning and Scheduling. Mathematical Problems in Engineering, 2016, 2016, 1-13.	1.1	4
86	A novel method for MCDM and evaluation of manufacturing services using collaborative filtering and IVIF theory. Journal of Algorithms and Computational Technology, 2016, 10, 40-51.	0.7	4
87	A time-aware hyperlink-induced topic search-based reputation evaluation method for optimal manufacturing service recommendation in distributed peer-to-peer networks. Journal of Algorithms and Computational Technology, 2017, 11, 13-22.	0.7	4
88	The Analysis of the Characteristics and Evolution of the Collaboration Network in Blockchain Domain. Informatica, 2021, , 397-424.	2.7	4
89	Visualizing the Intellectual Structure of the Fuzzy Linguistic Knowledge Domain: A Bibliometric Analysis. International Journal of Fuzzy Systems, 2020, 22, 2397-2413.	4.0	3
90	Multidimensional Development and Ï€-Type Trend of the Blockchain Research: A Collaborative Network Analysis. Mathematical Problems in Engineering, 2021, 2021, 1-15.	1.1	3

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91	Exploring the knowledge base and trajectories of knowledge dissemination in closed loop supply chain. Journal of Cleaner Production, 2021, 316, 128231.	9.3	3
92	The knowledge dissemination trajectory research of the carbon footprint domain: a main path analysis. Environmental Science and Pollution Research, 2022, 29, 34119-34136.	5.3	3
93	Evaluation about the Performance of E-Government Based on Interval-Valued Intuitionistic Fuzzy Set. Scientific World Journal, The, 2014, 2014, 1-10.	2.1	2
94	Measuring scientific prestige of papers with time-aware mutual reinforcement ranking model. Journal of Intelligent and Fuzzy Systems, 2019, 36, 1505-1519.	1.4	2
95	Bibliometric Analysis of International Cooperation in Biomass Energy Research. Current Science, 2019, 117, 1785.	0.8	1
96	DISTANCE MEASURES WITH PROBABILITIES, OWA OPERATORS AND WEIGHTED AVERAGES. , 2014, , .		0