

Xin-Dong Peng

List of Publications by Year in descending order

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70
papers

5,035
citations

159585

30
h-index

118850

62
g-index

70
all docs

70
docs citations

70
times ranked

1549
citing authors

#	ARTICLE	IF	CITATIONS
1	Some Results for Pythagorean Fuzzy Sets. International Journal of Intelligent Systems, 2015, 30, 1133-1160.	5.7	678
2	Fundamental Properties of Interval-Valued Pythagorean Fuzzy Aggregation Operators. International Journal of Intelligent Systems, 2016, 31, 444-487.	5.7	366
3	Pythagorean Fuzzy Information Measures and Their Applications. International Journal of Intelligent Systems, 2017, 32, 991-1029.	5.7	286
4	Pythagorean Fuzzy Choquet Integral Based MABAC Method for Multiple Attribute Group Decision Making. International Journal of Intelligent Systems, 2016, 31, 989-1020.	5.7	267
5	Exponential operation and aggregation operator for q-rung orthopair fuzzy set and their decision-making method with a new score function. International Journal of Intelligent Systems, 2018, 33, 2255-2282.	5.7	251
6	Pythagorean fuzzy set: state of the art and future directions. Artificial Intelligence Review, 2019, 52, 1873-1927.	15.7	231
7	Approaches to single-valued neutrosophic MADM based on MABAC, TOPSIS and new similarity measure with score function. Neural Computing and Applications, 2018, 29, 939-954.	5.6	176
8	Algorithms for interval-valued fuzzy soft sets in stochastic multi-criteria decision making based on regret theory and prospect theory with combined weight. Applied Soft Computing Journal, 2017, 54, 415-430.	7.2	171
9	Algorithms for neutrosophic soft decision making based on EDAS, new similarity measure and level soft set. Journal of Intelligent and Fuzzy Systems, 2017, 32, 955-968.	1.4	160
10	Information measures for q -rung orthopair fuzzy sets. International Journal of Intelligent Systems, 2019, 34, 1795-1834.	5.7	156
11	Approaches to Pythagorean Fuzzy Stochastic Multi-criteria Decision Making Based on Prospect Theory and Regret Theory with New Distance Measure and Score Function. International Journal of Intelligent Systems, 2017, 32, 1187-1214.	5.7	154
12	Algorithms for interval-valued fuzzy soft sets in emergency decision making based on WDBA and CODAS with new information measure. Computers and Industrial Engineering, 2018, 119, 439-452.	6.3	154
13	Pythagorean fuzzy MCDM method based on CoCoSo and CRITIC with score function for 5G industry evaluation. Artificial Intelligence Review, 2020, 53, 3813-3847.	15.7	141
14	FUZZY DECISION MAKING METHOD BASED ON COCOSO WITH CRITIC FOR FINANCIAL RISK EVALUATION. Technological and Economic Development of Economy, 2020, 26, 695-724.	4.6	108
15	Fundamental Properties of Pythagorean Fuzzy Aggregation Operators. Fundamenta Informaticae, 2016, 147, 415-446.	0.4	106
16	Research on the assessment of classroom teaching quality with q -rung orthopair fuzzy information based on multiparametric similarity measure and combinative distance-based assessment. International Journal of Intelligent Systems, 2019, 34, 1588-1630.	5.7	99
17	A bibliometric analysis of neutrosophic set: two decades review from 1998 to 2017. Artificial Intelligence Review, 2020, 53, 199-255.	15.7	90
18	Pythagorean fuzzy soft MCGDM methods based on TOPSIS, VIKOR and aggregation operators. Journal of Intelligent and Fuzzy Systems, 2019, 37, 6937-6957.	1.4	83

#	ARTICLE	IF	CITATIONS
19	Multiparametric similarity measures on Pythagorean fuzzy sets with applications to pattern recognition. <i>Applied Intelligence</i> , 2019, 49, 4058-4096.	5.3	80
20	Algorithms for Interval-Valued Pythagorean Fuzzy Sets in Emergency Decision Making Based on Multiparametric Similarity Measures and WDBA. <i>IEEE Access</i> , 2019, 7, 7419-7441.	4.2	79
21	Hesitant fuzzy soft decision making methods based on WASPAS, MABAC and COPRAS with combined weights. <i>Journal of Intelligent and Fuzzy Systems</i> , 2017, 33, 1313-1325.	1.4	72
22	New similarity measure and distance measure for Pythagorean fuzzy set. <i>Complex & Intelligent Systems</i> , 2019, 5, 101-111.	6.5	71
23	ALGORITHM FOR PICTURE FUZZY MULTIPLE ATTRIBUTE DECISION-MAKING BASED ON NEW DISTANCE MEASURE. , 2017, 7, 177-187.		67
24	A decision-making algorithm for online shopping using deep-learning-based opinion pairs mining and q -rung orthopair fuzzy interaction Heronian mean operators. <i>International Journal of Intelligent Systems</i> , 2020, 35, 783-825.	5.7	63
25	A new decision-making model using complex intuitionistic fuzzy Hamacher aggregation operators. <i>Soft Computing</i> , 2021, 25, 7059-7086.	3.6	63
26	Generalized orthopair fuzzy weighted distance-based approximation (WDBA) algorithm in emergency decision-making. <i>International Journal of Intelligent Systems</i> , 2019, 34, 2364-2402.	5.7	50
27	ALGORITHMS FOR INTERVAL NEUTROSOPHIC MULTIPLE ATTRIBUTE DECISION-MAKING BASED ON MABAC, SIMILARITY MEASURE, AND EDAS. , 2017, 7, 395-421.		50
28	Interval-valued Fuzzy Soft Decision Making Methods Based on MABAC, Similarity Measure and EDAS. <i>Fundamenta Informaticae</i> , 2017, 152, 373-396.	0.4	47
29	A novel interval-valued fuzzy soft decision-making method based on CoCoSo and CRITIC for intelligent healthcare management evaluation. <i>Soft Computing</i> , 2021, 25, 4213-4241.	3.6	47
30	Interval-valued Hesitant Fuzzy Soft Sets and their Application in Decision Making. <i>Fundamenta Informaticae</i> , 2015, 141, 71-93.	0.4	41
31	Extension of Einstein geometric operators to multi-attribute decision making under q -rung orthopair fuzzy information. <i>Granular Computing</i> , 2021, 6, 779-795.	8.0	41
32	Intuitionistic fuzzy soft decision making method based on CoCoSo and CRITIC for CCN cache placement strategy selection. <i>Artificial Intelligence Review</i> , 2022, 55, 1567-1604.	15.7	35
33	Algorithm for Pythagorean Fuzzy Multi-criteria Decision Making Based on WDBA with New Score Function. <i>Fundamenta Informaticae</i> , 2019, 165, 99-137.	0.4	30
34	A Group Decision Framework for Renewable Energy Source Selection under Interval-Valued Probabilistic linguistic Term Set. <i>Energies</i> , 2020, 13, 986.	3.1	30
35	Decision-making model for China's stock market bubble warning: the CoCoSo with picture fuzzy information. <i>Artificial Intelligence Review</i> , 2021, 54, 5675-5697.	15.7	30
36	Pythagorean fuzzy multi-criteria decision making method based on CODAS with new score function. <i>Journal of Intelligent and Fuzzy Systems</i> , 2020, 38, 3307-3318.	1.4	27

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37	Prioritized weighted aggregation operators under complex pythagorean fuzzy information. Journal of Intelligent and Fuzzy Systems, 2020, 39, 4763-4783.	1.4	26
38	A review of q-rung orthopair fuzzy information: bibliometrics and future directions. Artificial Intelligence Review, 2021, 54, 3361-3430.	15.7	26
39	q-Rung orthopair fuzzy decision-making framework for integrating mobile edge caching scheme preferences. International Journal of Intelligent Systems, 2021, 36, 2229-2266.	5.7	24
40	Dual Extended Hesitant Fuzzy Sets. Symmetry, 2019, 11, 714.	2.2	23
41	New Multiparametric Similarity Measure and Distance Measure for Interval Neutrosophic Set With IoT Industry Evaluation. IEEE Access, 2019, 7, 28258-28280.	4.2	23
42	Multi-criteria Decision-Making Model Using Complex Pythagorean Fuzzy Yager Aggregation Operators. Arabian Journal for Science and Engineering, 2021, 46, 1691-1717.	3.0	23
43	A decision making approach based on bipolar multi-fuzzy soft set theory. Journal of Intelligent and Fuzzy Systems, 2014, 27, 1861-1872.	1.4	22
44	A modified TOPSIS method based on vague parameterized vague soft sets and its application to supplier selection problems. Neural Computing and Applications, 2019, 31, 5901-5916.	5.6	22
45	SLNL: A novel method for gene selection and phenotype classification. International Journal of Intelligent Systems, 2022, 37, 6283-6304.	5.7	21
46	New multiparametric similarity measure for neutrosophic set with big data industry evaluation. Artificial Intelligence Review, 2020, 53, 3089-3125.	15.7	20
47	A decision-making framework for China's rare earth industry security evaluation by neutrosophic soft CoCoSo method. Journal of Intelligent and Fuzzy Systems, 2020, 39, 7571-7585.	1.4	19
48	Novel neutrosophic Dombi Bonferroni mean operators with mobile cloud computing industry evaluation. Expert Systems, 2019, 36, e12411.	4.5	17
49	Pythagorean m-polar fuzzy topology with TOPSIS approach in exploring most effectual method for curing from COVID-19. International Journal of Biomathematics, 2020, 13, 2050075.	2.9	16
50	Algorithms for hesitant fuzzy soft decision making based on revised aggregation operators, WDBA and CODAS. Journal of Intelligent and Fuzzy Systems, 2019, 36, 6307-6323.	1.4	15
51	Interval-Valued Probabilistic Hesitant Fuzzy Set Based Muirhead Mean for Multi-Attribute Group Decision-Making. Mathematics, 2019, 7, 342.	2.2	15
52	Hybrid group decision-making technique under spherical fuzzy N-soft expert sets. Artificial Intelligence Review, 2022, 55, 4117-4163.	15.7	15
53	HESITANT TRAPEZOIDAL FUZZY AGGREGATION OPERATORS BASED ON ARCHIMEDEAN t -NORM AND t -CONORM AND THEIR APPLICATION IN MADM WITH COMPLETELY UNKNOWN WEIGHT INFORMATION. , 2017, 7, 475-510.		14
54	INTERVAL-VALUED DUAL HESITANT FUZZY INFORMATION AGGREGATION AND ITS APPLICATION IN MULTIPLE ATTRIBUTE DECISION MAKING. , 2018, 8, 361-382.		13

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55	Neutrosophic Reducible Weighted Maclaurin Symmetric Mean for Undergraduate Teaching Audit and Evaluation. <i>IEEE Access</i> , 2019, 7, 18634-18648.	4.2	11
56	Pythagorean Fuzzy Multi-Criteria Decision Making Method Based on Multiparametric Similarity Measure. <i>Cognitive Computation</i> , 2021, 13, 466-484.	5.2	11
57	SPLSN: An efficient tool for survival analysis and biomarker selection. <i>International Journal of Intelligent Systems</i> , 2021, 36, 5845-5865.	5.7	11
58	Some novel decision making algorithms for intuitionistic fuzzy soft set. <i>Journal of Intelligent and Fuzzy Systems</i> , 2019, 37, 1327-1341.	1.4	10
59	Spherical fuzzy decision making method based on combined compromise solution for IIoT industry evaluation. <i>Artificial Intelligence Review</i> , 2022, 55, 1857-1886.	15.7	8
60	A Revised TOPSIS Method Based on Interval Fuzzy Soft Set Models with Incomplete Weight Information. <i>Fundamenta Informaticae</i> , 2017, 152, 297-321.	0.4	6
61	Enhancing the association in multi-object tracking via neighbor graph. <i>International Journal of Intelligent Systems</i> , 2021, 36, 6713-6730.	5.7	6
62	Interval Neutrosophic Reducible Weighted Maclaurin Symmetric Means With Internet of Medical Things (IoMt) Industry Evaluation. <i>IEEE Access</i> , 2019, 7, 62479-62495.	4.2	4
63	Hesitant Fuzzy Soft Combined Compromise Solution Method for IoE Companies™ Evaluation. <i>International Journal of Fuzzy Systems</i> , 2022, 24, 457-473.	4.0	4
64	Evaluation of Cloud Computing Copyright Protection Based on AHP. <i>Mathematical Problems in Engineering</i> , 2020, 2020, 1-11.	1.1	3
65	An integrated and discriminative approach for group decision-making with probabilistic linguistic information. <i>Soft Computing</i> , 2021, 25, 3043-3057.	3.6	3
66	When CCN meets MCGDM: optimal cache replacement policy achieved by PRSRV with Pythagorean fuzzy set pair analysis. <i>Artificial Intelligence Review</i> , 0, , 1.	15.7	3
67	An approach to decision making with interval-valued complex Pythagorean fuzzy model for evaluating personal risk of mental patients. <i>Journal of Intelligent and Fuzzy Systems</i> , 2021, 41, 1461-1486.	1.4	1
68	Lattice ordered soft group and its application in urban planning. <i>Journal of Intelligent and Fuzzy Systems</i> , 2020, 38, 2951-2959.	1.4	0
69	Pythagorean Fuzzy MCDM Method Based on CODAS. , 2021, , 261-272.		0
70	Pythagorean fuzzy inequality derived by operation, equality and aggregation operator. <i>Soft Computing</i> , 0, , .	3.6	0