Yong Deng

List of Publications by Year
in descending order

403 papers	17,765 citations	10373 72 h-index	25770 108 g-index
411 all docs	411 docs citations	411 times ranked	7723 citing authors

#	ARTICLE	IF	CITATIONS
1	Supplier selection using AHP methodology extended by D numbers. Expert Systems With Applications, 2014, 41, 156-167.	4.4	375
2	Deng entropy. Chaos, Solitons and Fractals, 2016, 91, 549-553.	2.5	338
3	An improved method to construct basic probability assignment based on the confusion matrix for classification problem. Information Sciences, 2016, 340-341, 250-261.	4.0	318
4	Enhanced thermal conductivity of PEG/diatomite shape-stabilized phase change materials with Ag nanoparticles for thermal energy storage. Journal of Materials Chemistry A, 2015, 3, 8526-8536.	5.2	300
5	Fuzzy Dijkstra algorithm for shortest path problem under uncertain environment. Applied Soft Computing Journal, 2012, 12, 1231-1237.	4.1	294
6	Thermal conductivity enhancement of polyethylene glycol/expanded vermiculite shape-stabilized composite phase change materials with silver nanowire for thermal energy storage. Chemical Engineering Journal, 2016, 295, 427-435.	6.6	277
7	Generalized evidence theory. Applied Intelligence, 2015, 43, 530-543.	3.3	232
8	Uncertainty measure in evidence theory. Science China Information Sciences, 2020, 63, 1.	2.7	232
9	A new fuzzy dempster MCDM method and its application in supplier selection. Expert Systems With Applications, 2011, 38, 9854-9861.	4.4	205
10	Identifying influential nodes in weighted networks based on evidence theory. Physica A: Statistical Mechanics and Its Applications, 2013, 392, 2564-2575.	1.2	174
11	Evidential Supplier Selection Based on DEMATEL and Game Theory. International Journal of Fuzzy Systems, 2018, 20, 1321-1333.	2.3	164
12	A new method of identifying influential nodes in complex networks based on TOPSIS. Physica A: Statistical Mechanics and Its Applications, 2014, 399, 57-69.	1.2	163
13	Dependent Evidence Combination Based on Shearman Coefficient and Pearson Coefficient. IEEE Access, 2018, 6, 11634-11640.	2.6	162
14	Combining conflicting evidence using the DEMATEL method. Soft Computing, 2019, 23, 8207-8216.	2.1	161
15	Information Volume of Mass Function. International Journal of Computers, Communications and Control, 2020, 15, .	1.2	157
16	Dependence Assessment in Human Reliability Analysis Using Evidence Theory and AHP. Risk Analysis, 2015, 35, 1296-1316.	1.5	156
17	D-DEMATEL: A new method to identify critical success factors in emergency management. Safety Science, 2017, 91, 93-104.	2.6	156
18	Failure mode and effects analysis based on D numbers and TOPSIS. Quality and Reliability Engineering International, 2018, 34, 501-515.	1.4	154

#	ARTICLE	IF	CITATIONS
19	Diatomite: A promising natural candidate as carrier material for low, middle and high temperature phase change material. Energy Conversion and Management, 2015, 98, 34-45.	4.4	150
20	Preparation of paraffin/porous TiO 2 foams with enhanced thermal conductivity as PCM, by covering the TiO 2 surface with a carbon layer. Applied Energy, 2016, 171, 37-45.	5.1	149
21	Preparation of paraffin/expanded vermiculite with enhanced thermal conductivity by implanting network carbon in vermiculite layers. Chemical Engineering Journal, 2015, 277, 56-63.	6.6	148
22	DS-VIKOR: A New Multi-criteria Decision-Making Method for Supplier Selection. International Journal of Fuzzy Systems, 2019, 21, 157-175.	2.3	148
23	An Improved Genetic Algorithm with Initial Population Strategy for Symmetric TSP. Mathematical Problems in Engineering, 2015, 2015, 1-6.	0.6	137
24	An evidential DEMATEL method to identify critical success factors in emergency management. Applied Soft Computing Journal, 2014, 22, 504-510.	4.1	136
25	Evidence Combination From an Evolutionary Game Theory Perspective. IEEE Transactions on Cybernetics, 2016, 46, 2070-2082.	6.2	134
26	Determine the Number of Unknown Targets in Open World Based on Elbow Method. IEEE Transactions on Fuzzy Systems, 2021, 29, 986-995.	6.5	131
27	Environmental impact assessment based on D numbers. Expert Systems With Applications, 2014, 41, 635-643.	4.4	126
28	A modified evidential methodology of identifying influential nodes in weighted networks. Physica A: Statistical Mechanics and Its Applications, 2013, 392, 5490-5500.	1.2	120
29	Ranking fuzzy numbers with an area method using radius of gyration. Computers and Mathematics With Applications, 2006, 51, 1127-1136.	1.4	116
30	Random Permutation Set. International Journal of Computers, Communications and Control, 2022, 17, .	1.2	115
31	A novel method for forecasting time series based on fuzzy logic and visibility graph. Advances in Data Analysis and Classification, 2017, 11, 759-783.	0.9	114
32	Stable strategies analysis based on the utility of Z-number in the evolutionary games. Applied Mathematics and Computation, 2018, 324, 202-217.	1.4	111
33	An enhanced fuzzy evidential DEMATEL method with its application to identify critical success factors. Soft Computing, 2018, 22, 5073-5090.	2.1	111
34	A Method of Measuring Uncertainty for Z-Number. IEEE Transactions on Fuzzy Systems, 2019, 27, 731-738.	6.5	109
35	A new measure of identifying influential nodes: Efficiency centrality. Communications in Nonlinear Science and Numerical Simulation, 2017, 47, 151-163.	1.7	108
36	Evaluating Sensor Reliability in Classification Problems Based on Evidence Theory. IEEE Transactions on Systems, Man, and Cybernetics, 2006, 36, 970-981.	5.5	107

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37	Risk analysis in a linguistic environment: A fuzzy evidential reasoning-based approach. Expert Systems With Applications, 2011, 38, 15438-15446.	4.4	105
38	An improved method for risk evaluation in failure modes and effects analysis of aircraft engine rotor blades. Engineering Failure Analysis, 2012, 26, 164-174.	1.8	105
39	Assessment of E-Commerce security using AHP and evidential reasoning. Expert Systems With Applications, 2012, 39, 3611-3623.	4.4	102
40	A DEMATEL-based completion method for incomplete pairwise comparison matrix in AHP. Annals of Operations Research, 2018, 271, 1045-1066.	2.6	101
41	Identifying influential nodes in complex networks based on the inverse-square law. Physica A: Statistical Mechanics and Its Applications, 2018, 512, 1044-1059.	1.2	101
42	Multi-criteria decision making in Pythagorean fuzzy environment. Applied Intelligence, 2020, 50, 537-561.	3.3	101
43	Route selection for emergency logistics management: A bio-inspired algorithm. Safety Science, 2013, 54, 87-91.	2.6	100
44	Measure the structure similarity of nodes in complex networks based on relative entropy. Physica A: Statistical Mechanics and Its Applications, 2018, 491, 749-763.	1.2	100
45	Generalized Ordered Propositions Fusion Based on Belief Entropy. International Journal of Computers, Communications and Control, 2018, 13, 792-807.	1.2	100
46	A new Hausdorff distance for image matching. Pattern Recognition Letters, 2005, 26, 581-586.	2.6	97
47	Evidential cognitive maps. Knowledge-Based Systems, 2012, 35, 77-86.	4.0	97
48	Preparation and Characterization of KNO3/Diatomite Shape-Stabilized Composite Phase Change Material for High Temperature Thermal Energy Storage. Journal of Materials Science and Technology, 2017, 33, 198-203.	5.6	96
49	Dependence assessment in human reliability analysis based on D numbers and AHP. Nuclear Engineering and Design, 2017, 313, 243-252.	0.8	95
50	Identifying influential nodes in complex networks based on AHP. Physica A: Statistical Mechanics and Its Applications, 2017, 479, 422-436.	1.2	95
51	The Negation of a Basic Probability Assignment. IEEE Transactions on Fuzzy Systems, 2019, 27, 135-143.	6.5	95
52	A new failure mode and effects analysis model using Dempster–Shafer evidence theory and grey relational projection method. Engineering Applications of Artificial Intelligence, 2018, 76, 13-20.	4.3	94
53	D-AHP method with different credibility of information. Soft Computing, 2019, 23, 683-691.	2.1	94
54	A New Divergence Measure of Pythagorean Fuzzy Sets Based on Belief Function and Its Application in Medical Diagnosis. Mathematics, 2020, 8, 142.	1.1	94

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55	Information Volume of Fuzzy Membership Function. International Journal of Computers, Communications and Control, 2021, 16, .	1.2	94
56	A new linguistic MCDM method based on multiple-criterion data fusion. Expert Systems With Applications, 2011, 38, 6985-6993.	4.4	92
57	A modified weighted TOPSIS to identify influential nodes in complex networks. Physica A: Statistical Mechanics and Its Applications, 2016, 444, 73-85.	1.2	92
58	A novel method to use fuzzy soft sets in decision making based on ambiguity measure and Dempsterâ€"Shafer theory of evidence: An application in medical diagnosis. Artificial Intelligence in Medicine, 2016, 69, 1-11.	3.8	90
59	Identifying influential nodes in complex networks: A node information dimension approach. Chaos, 2018, 28, 043109.	1.0	88
60	Pore structure modified diatomite-supported PEG composites for thermal energy storage. Scientific Reports, 2016, 6, 32392.	1.6	87
61	A hybrid intelligent model for assessment of critical success factors in high-risk emergency system. Journal of Ambient Intelligence and Humanized Computing, 2018, 9, 1933-1953.	3.3	86
62	A new divergence measure for basic probability assignment and its applications in extremely uncertain environments. International Journal of Intelligent Systems, 2019, 34, 584-600.	3.3	85
63	Identification of influencers in complex networks by local information dimensionality. Information Sciences, 2020, 512, 549-562.	4.0	84
64	Modeling contaminant intrusion in water distribution networks: A new similarity-based DST method. Expert Systems With Applications, 2011, 38, 571-578.	4.4	83
65	Engine fault diagnosis based on sensor data fusion considering information quality and evidence theory. Advances in Mechanical Engineering, 2018, 10, 168781401880918.	0.8	82
66	A new method to determine basic probability assignment from training data. Knowledge-Based Systems, 2013, 46, 69-80.	4.0	81
67	Evidential identification of influential nodes in network of networks. Chaos, Solitons and Fractals, 2018, 117, 283-296.	2.5	81
68	Polyethylene glycol-enwrapped silicon carbide nanowires network/expanded vermiculite composite phase change materials: Form-stabilization, thermal energy storage behavior and thermal conductivity enhancement. Solar Energy Materials and Solar Cells, 2018, 174, 283-291.	3.0	80
69	Modeling Sensor Reliability in Fault Diagnosis Based on Evidence Theory. Sensors, 2016, 16, 113.	2.1	79
70	A New Belief Entropy to Measure Uncertainty of Basic Probability Assignments Based on Belief Function and Plausibility Function. Entropy, 2018, 20, 842.	1.1	78
71	Probability transformation of mass function: A weighted network method based on the ordered visibility graph. Engineering Applications of Artificial Intelligence, 2021, 105, 104438.	4.3	78
72	IFSJSP: A novel methodology for the Job-Shop Scheduling Problem based on intuitionistic fuzzy sets. International Journal of Production Research, 2013, 51, 5100-5119.	4.9	77

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73	Generating Z-number based on OWA weights using maximum entropy. International Journal of Intelligent Systems, 2018, 33, 1745-1755.	3.3	76
74	A new crude oil price forecasting model based on variational mode decomposition. Knowledge-Based Systems, 2021, 213, 106669.	4.0	76
75	Dependence assessment in human reliability analysis based on evidence credibility decay model and IOWA operator. Annals of Nuclear Energy, 2018, 112, 673-684.	0.9	74
76	An improved distance-based total uncertainty measure in belief function theory. Applied Intelligence, 2017, 46, 898-915.	3.3	73
77	Supercooling Suppression and Thermal Conductivity Enhancement of $Na_2HPO_4\cdot12H_2O$/Expanded Vermiculite Form-Stable Composite Phase Change Materials with Alumina for Heat Storage. ACS Sustainable Chemistry and Engineering, 2018, 6, 6792-6801.	3.2	73
78	A new method to measure the divergence in evidential sensor data fusion. International Journal of Distributed Sensor Networks, 2019, 15, 155014771984129.	1.3	72
79	Identifying influential nodes in complex networks from global perspective. Chaos, Solitons and Fractals, 2020, 133, 109637.	2.5	72
80	Solving 0-1 knapsack problems based on amoeboid organism algorithm. Applied Mathematics and Computation, 2013, 219, 9959-9970.	1.4	71
81	A new rule to combine dependent bodies of evidence. Soft Computing, 2019, 23, 9793-9799.	2.1	71
82	A New Method to Identify Incomplete Frame of Discernment in Evidence Theory. IEEE Access, 2019, 7, 15547-15555.	2.6	71
83	GMM: A generalized mechanics model for identifying the importance of nodes in complex networks. Knowledge-Based Systems, 2020, 193, 105464.	4.0	71
84	Evidential Decision Tree Based on Belief Entropy. Entropy, 2019, 21, 897.	1.1	70
85	Risk Evaluation in Failure Mode and Effects Analysis Based on D Numbers Theory. International Journal of Computers, Communications and Control, 2019, 14, 672.	1.2	70
86	A new closeness centrality measure via effective distance in complex networks. Chaos, 2015, 25, 033112.	1.0	67
87	An association coefficient of a belief function and its application in a target recognition system. International Journal of Intelligent Systems, 2020, 35, 85-104.	3.3	67
88	Combination of Evidential Sensor Reports with Distance Function and Belief Entropy in Fault Diagnosis. International Journal of Computers, Communications and Control, 2019, 14, 329-343.	1.2	67
89	Conflict management based on belief function entropy in sensor fusion. SpringerPlus, 2016, 5, 638.	1.2	66
90	Box-covering algorithm for fractal dimension of weighted networks. Scientific Reports, 2013, 3, 3049.	1.6	65

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91	Weighted k-shell decomposition for complex networks based on potential edge weights. Physica A: Statistical Mechanics and Its Applications, 2015, 420, 277-283.	1.2	65
92	The Maximum Deng Entropy. IEEE Access, 2019, 7, 120758-120765.	2.6	64
93	Uncertainty measure based on Tsallis entropy in evidence theory. International Journal of Intelligent Systems, 2019, 34, 3105-3120.	3.3	64
94	Identifying node importance based on evidence theory in complex networks. Physica A: Statistical Mechanics and Its Applications, 2019, 529, 121538.	1.2	64
95	Toward uncertainty of weighted networks: An entropy-based model. Physica A: Statistical Mechanics and Its Applications, 2018, 508, 176-186.	1.2	63
96	Generalized Belief Entropy and Its Application in Identifying Conflict Evidence. IEEE Access, 2019, 7, 126625-126633.	2.6	63
97	A Bio-Inspired Methodology of Identifying Influential Nodes in Complex Networks. PLoS ONE, 2013, 8, e66732.	1.1	62
98	A New MADA Methodology Based on D Numbers. International Journal of Fuzzy Systems, 2018, 20, 2458-2469.	2.3	62
99	Base belief function: an efficient method of conflict management. Journal of Ambient Intelligence and Humanized Computing, 2019, 10, 3427-3437.	3.3	62
100	New Failure Mode and Effects Analysis: An Evidential Downscaling Method. Quality and Reliability Engineering International, 2016, 32, 737-746.	1.4	61
101	Evaluation method based on fuzzy relations between Dempster-Shafer belief structure. International Journal of Intelligent Systems, 2018, 33, 1343-1363.	3.3	61
102	An interval-valued Pythagorean prioritized operator-based game theoretical framework with its applications in multicriteria group decision making. Neural Computing and Applications, 2020, 32, 7641-7659.	3.2	60
103	Quantum model of mass function. International Journal of Intelligent Systems, 2020, 35, 267-282.	3.3	60
104	Combining dependent bodies of evidence. Applied Intelligence, 2016, 44, 634-644.	3.3	59
105	Design and preparation of shape-stabilized composite phase change material with high thermal reliability via encapsulating polyethylene glycol into flower-like TiO2 nanostructure for thermal energy storage. Applied Thermal Engineering, 2017, 114, 328-336.	3.0	59
106	Entropic Explanation of Power Set. International Journal of Computers, Communications and Control, 2021, 16, .	1.2	59
107	A novel visibility graph transformation of time series into weighted networks. Chaos, Solitons and Fractals, 2018, 117, 201-208.	2.5	58
108	Performer selection in Human Reliability analysis: D numbers approach. International Journal of Computers, Communications and Control, 2019, 14, 437-452.	1.2	58

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109	A new optimal consensus method with minimum cost in fuzzy group decision. Knowledge-Based Systems, 2012, 35, 357-360.	4.0	57
110	Weighted belief function of sensor data fusion in engine fault diagnosis. Soft Computing, 2020, 24, 2329-2339.	2.1	57
111	A New Aggregating Operator for Linguistic Information Based on D Numbers. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 2016, 24, 831-846.	0.9	56
112	A Matrix Method of Basic Belief Assignment's Negation in Dempster–Shafer Theory. IEEE Transactions on Fuzzy Systems, 2020, 28, 2270-2276.	6.5	56
113	Identifying influential nodes in complex networks: Effective distance gravity model. Information Sciences, 2021, 577, 162-179.	4.0	56
114	INFORMATION FRACTAL DIMENSION OF MASS FUNCTION. Fractals, 2022, 30, .	1.8	55
115	Divergence Measure of Belief Function and Its Application in Data Fusion. IEEE Access, 2019, 7, 107465-107472.	2.6	54
116	Dependent evidence combination based on decision–making trial and evaluation laboratory method. International Journal of Intelligent Systems, 2019, 34, 1555-1571.	3.3	54
117	D-CFPR: D numbers extended consistent fuzzy preference relations. Knowledge-Based Systems, 2015, 73, 61-68.	4.0	53
118	Uncertain database retrieval with measure – Based belief function attribute values under intuitionistic fuzzy set. Information Sciences, 2021, 546, 436-447.	4.0	53
119	A new method to identify influential nodes based on relative entropy. Chaos, Solitons and Fractals, 2017, 104, 257-267.	2.5	52
120	Combining conflicting evidence based on Pearson correlation coefficient and weighted graph. International Journal of Intelligent Systems, 2021, 36, 7443-7460.	3.3	52
121	Fast transformation from time series to visibility graphs. Chaos, 2015, 25, 083105.	1.0	50
122	Vital spreaders identification in complex networks with multi-local dimension. Knowledge-Based Systems, 2020, 195, 105717.	4.0	49
123	An Evidential Fractal Analytic Hierarchy Process Target Recognition Method. Defence Science Journal, 2018, 68, 367.	0.5	49
124	Supplier selection based on evidence theory and analytic network process. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2016, 230, 562-573.	1.5	48
125	Total utility of Z-number. Applied Intelligence, 2018, 48, 703-729.	3.3	48
126	A novel matrix game with payoffs of Maxitive Belief Structure. International Journal of Intelligent Systems, 2019, 34, 690-706.	3.3	48

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127	A biologically inspired solution for fuzzy shortest path problems. Applied Soft Computing Journal, 2013, 13, 2356-2363.	4.1	47
128	Weighted Evidence Combination Based on Distance of Evidence and Entropy Function. International Journal of Distributed Sensor Networks, 2016, 12, 3218784.	1.3	47
129	A hybrid DEMATEL-FRACTAL method of handling dependent evidences. Engineering Applications of Artificial Intelligence, 2020, 91, 103543.	4.3	47
130	INFORMATION VOLUME FRACTAL DIMENSION. Fractals, 2021, 29, .	1.8	47
131	A new information dimension of complex networks. Physics Letters, Section A: General, Atomic and Solid State Physics, 2014, 378, 1091-1094.	0.9	46
132	AN EVALUATION FOR SUSTAINABLE MOBILITY EXTENDED BY D NUMBERS. Technological and Economic Development of Economy, 2019, 25, 802-819.	2.3	46
133	Fractal-based belief entropy. Information Sciences, 2022, 587, 265-282.	4.0	46
134	A new decision-making method by incomplete preferences based on evidence distance. Knowledge-Based Systems, 2014, 56, 264-272.	4.0	45
135	Fuzzy evidential influence diagram and its evaluation algorithm. Knowledge-Based Systems, 2017, 131, 28-45.	4.0	45
136	A method to determine basic probability assignment in the open world and its application in data fusion and classification. Applied Intelligence, 2017, 46, 934-951.	3.3	45
137	A Threat Assessment Model under Uncertain Environment. Mathematical Problems in Engineering, 2015, 2015, 1-12.	0.6	44
138	Entropy measure for orderable sets. Information Sciences, 2021, 561, 141-151.	4.0	44
139	Identifying influential spreaders by weight degree centrality in complex networks. Chaos, Solitons and Fractals, 2016, 86, 1-7.	2.5	43
140	Multisource basic probability assignment fusion based on information quality. International Journal of Intelligent Systems, 2021, 36, 1851-1875.	3.3	43
141	The Pseudo-Pascal Triangle of Maximum Deng Entropy. International Journal of Computers, Communications and Control, 2020, 15, .	1.2	43
142	A modified multi-criterion optimization genetic algorithm for order distribution in collaborative supply chain. Applied Mathematical Modelling, 2013, 37, 7855-7864.	2.2	42
143	Weighted evidence combination based on distance of evidence and uncertainty measure. Hongwai Yu Haomibo Xuebao/Journal of Infrared and Millimeter Waves, 2012, 30, 396-400.	0.2	42
144	An evidential game theory framework in multi-criteria decision making process. Applied Mathematics and Computation, 2014, 244, 783-793.	1.4	41

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145	A New Geometric Mean FMEA Method Based on Information Quality. IEEE Access, 2019, 7, 95547-95554.	2.6	41
146	A cluster-growing dimension of complex networks: From the view of node closeness centrality. Physica A: Statistical Mechanics and Its Applications, 2019, 522, 80-87.	1.2	41
147	Complex Network Modeling of Evidence Theory. IEEE Transactions on Fuzzy Systems, 2021, 29, 3470-3480.	6.5	41
148	A generalized gravity model for influential spreaders identification in complex networks. Chaos, Solitons and Fractals, 2021, 143, 110456.	2.5	41
149	Probability Transform Based on the Ordered Weighted Averaging and Entropy Difference. International Journal of Computers, Communications and Control, 2020, 15, .	1.2	41
150	The vulnerability of communities in complex networks: An entropy approach. Reliability Engineering and System Safety, 2020, 196, 106782.	5.1	40
151	A New Methodology of Multicriteria Decision-Making in Supplier Selection Based on Z-Numbers. Mathematical Problems in Engineering, 2016, 2016, 1-17.	0.6	39
152	Radial-like mesoporous silica sphere: A promising new candidate of supporting material for storage of low-, middle-, and high-temperature heat. Energy, 2016, 112, 1074-1083.	4.5	39
153	An intelligent physarum solver for supply chain network design under profit maximization and oligopolistic competition. International Journal of Production Research, 2017, 55, 244-263.	4.9	39
154	Measuring transferring similarity via local information. Physica A: Statistical Mechanics and Its Applications, 2018, 498, 102-115.	1.2	39
155	TDBF: Two‐dimensional belief function. International Journal of Intelligent Systems, 2019, 34, 1968-1982.	3.3	39
156	The Negation of Basic Probability Assignment. IEEE Access, 2019, 7, 107006-107014.	2.6	39
157	A fuzzy extended analytic network process-based approach for global supplier selection. Applied Intelligence, 2015, 43, 760-772.	3.3	38
158	An Approach to Locate Parametric Faults in Nonlinear Analog Circuits. IEEE Transactions on Instrumentation and Measurement, 2012, 61, 358-367.	2.4	37
159	A non-parametric method to determine basic probability assignment for classification problems. Applied Intelligence, 2014, 41, 681-693.	3.3	37
160	A new method to construct co-author networks. Physica A: Statistical Mechanics and Its Applications, 2015, 419, 29-39.	1.2	37
161	Target Recognition Based on Fuzzy Dempster Data Fusion Method. Defence Science Journal, 2010, 60, 525-530.	0.5	37
162	Maximum entropy of random permutation set. Soft Computing, 2022, 26, 11265-11275.	2.1	37

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163	Entropic methodology for entanglement measures. Physica A: Statistical Mechanics and Its Applications, 2018, 512, 693-697.	1.2	36
164	An Evidential Software Risk Evaluation Model. Mathematics, 2022, 10, 2325.	1.1	36
165	FUZZY SENSOR FUSION BASED ON EVIDENCE THEORY AND ITS APPLICATION. Applied Artificial Intelligence, 2013, 27, 235-248.	2.0	35
166	A new method in failure mode and effects analysis based on evidential reasoning. International Journal of Systems Assurance Engineering and Management, 2014, 5, 1-10.	1.5	35
167	Intuitionistic Evidence Sets. IEEE Access, 2019, 7, 106417-106426.	2.6	35
168	Decision making under measure-based granular uncertainty with intuitionistic fuzzy sets. Applied Intelligence, 2021, 51, 6224-6233.	3.3	35
169	Handling of Dependence in Dempster-Shafer Theory. International Journal of Intelligent Systems, 2015, 30, 441-467.	3.3	34
170	Modeling the self-similarity in complex networks based on Coulomb's law. Communications in Nonlinear Science and Numerical Simulation, 2016, 35, 97-104.	1.7	34
171	A novel distance function of D numbers and its application in product engineering. Engineering Applications of Artificial Intelligence, 2016, 47, 61-67.	4.3	34
172	A New Uncertainty Measure of Discrete Z-numbers. International Journal of Fuzzy Systems, 2020, 22, 760-776.	2.3	34
173	Fuzzy Evaluation of Network Vulnerability. Quality and Reliability Engineering International, 2016, 32, 1715-1730.	1.4	33
174	A New Method to Determine Generalized Basic Probability Assignment in the Open World. IEEE Access, 2019, 7, 52827-52835.	2.6	33
175	Determining Weights in Multi-Criteria Decision Making Based on Negation of Probability Distribution under Uncertain Environment. Mathematics, 2020, 8, 191.	1.1	33
176	A note on ranking generalized fuzzy numbers. Expert Systems With Applications, 2012, 39, 6454-6457.	4.4	32
177	A Modified TOPSIS Method Based on D Numbers and Its Applications in Human Resources Selection. Mathematical Problems in Engineering, 2016, 2016, 1-14.	0.6	32
178	An Improved Belief Entropy in Evidence Theory. IEEE Access, 2020, 8, 57505-57516.	2.6	32
179	Higher order information volume of mass function. Information Sciences, 2022, 586, 501-513.	4.0	32
180	An adaptive amoeba algorithm for constrained shortest paths. Expert Systems With Applications, 2013, 40, 7607-7616.	4.4	31

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181	A belief-based evolutionarily stable strategy. Journal of Theoretical Biology, 2014, 361, 81-86.	0.8	31
182	An Evidential Failure Mode and Effects Analysis Using Linguistic Terms. Quality and Reliability Engineering International, 2017, 33, 993-1010.	1.4	31
183	The generalization negation of probability distribution and its application in target recognition based on sensor fusion. International Journal of Distributed Sensor Networks, 2019, 15, 155014771984938.	1.3	31
184	A new complex evidence theory. Information Sciences, 2022, 608, 251-261.	4.0	31
185	Rapid Physarum Algorithm for shortest path problem. Applied Soft Computing Journal, 2014, 23, 19-26.	4.1	30
186	Forecasting Construction Cost Index based on visibility graph: A network approach. Physica A: Statistical Mechanics and Its Applications, 2018, 493, 239-252.	1.2	30
187	Constrained Pythagorean Fuzzy Sets and Its Similarity Measure. IEEE Transactions on Fuzzy Systems, 2022, 30, 1102-1113.	6.5	30
188	Quantum Pythagorean Fuzzy Evidence Theory: A Negation of Quantum Mass Function View. IEEE Transactions on Fuzzy Systems, 2022, 30, 1313-1327.	6.5	30
189	Evidential method to identify influential nodes in complex networks. Journal of Systems Engineering and Electronics, 2015, 26, 381-387.	1.1	29
190	A new evidential methodology of identifying influential nodes in complex networks. Chaos, Solitons and Fractals, 2017, 103, 101-110.	2.5	29
191	A Fast Algorithm for Network Forecasting Time Series. IEEE Access, 2019, 7, 102554-102560.	2.6	29
192	A vector and geometry interpretation of basic probability assignment in Dempster–Shafer theory. International Journal of Intelligent Systems, 2020, 35, 944-962.	3.3	29
193	A new method to predict the interference effect in quantum-like Bayesian networks. Soft Computing, 2020, 24, 10287-10294.	2.1	29
194	Maximum-Entropy-Based Decision-Making Trial and Evaluation Laboratory and Its Application in Emergency Management. Journal of Organizational and End User Computing, 2022, 34, 1-16.	1.6	29
195	Sequential weighted combination for unreliable evidence based on evidence variance. Decision Support Systems, 2013, 56, 387-393.	3.5	28
196	A modified efficiency centrality to identify influential nodes in weighted networks. Pramana - Journal of Physics, 2019, 92, 1.	0.9	28
197	Exponential negation of a probability distribution. Soft Computing, 2022, 26, 2147-2156.	2.1	28
198	Tsallis information dimension of complex networks. Physica A: Statistical Mechanics and Its Applications, 2015, 419, 707-717.	1.2	26

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