

Yong Deng

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

371
papers

12,556
citations

64
h-index

89
g-index

411
ext. papers

15,123
ext. citations

4.2
avg, IF

8.02
L-index

#	Paper	IF	Citations
371	Supplier selection using AHP methodology extended by D numbers. <i>Expert Systems With Applications</i> , 2014 , 41, 156-167	7.8	309
370	Deng entropy. <i>Chaos, Solitons and Fractals</i> , 2016 , 91, 549-553	9.3	227
369	Thermal conductivity enhancement of polyethylene glycol/expanded vermiculite shape-stabilized composite phase change materials with silver nanowire for thermal energy storage. <i>Chemical Engineering Journal</i> , 2016 , 295, 427-435	14.7	223
368	Enhanced thermal conductivity of PEG/diatomite shape-stabilized phase change materials with Ag nanoparticles for thermal energy storage. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 8526-8536	13	218
367	Fuzzy Dijkstra algorithm for shortest path problem under uncertain environment. <i>Applied Soft Computing Journal</i> , 2012 , 12, 1231-1237	7.5	185
366	Generalized evidence theory. <i>Applied Intelligence</i> , 2015 , 43, 530-543	4.9	180
365	An improved method to construct basic probability assignment based on the confusion matrix for classification problem. <i>Information Sciences</i> , 2016 , 340-341, 250-261	7.7	174
364	A new fuzzy dempster MCDM method and its application in supplier selection. <i>Expert Systems With Applications</i> , 2011 , 38, 9854-9861	7.8	164
363	Identifying influential nodes in weighted networks based on evidence theory. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2013 , 392, 2564-2575	3.3	152
362	Dependence Assessment in Human Reliability Analysis Using Evidence Theory and AHP. <i>Risk Analysis</i> , 2015 , 35, 1296-316	3.9	127
361	Preparation of paraffin/expanded vermiculite with enhanced thermal conductivity by implanting network carbon in vermiculite layers. <i>Chemical Engineering Journal</i> , 2015 , 277, 56-63	14.7	119
360	China's Struggle for Status: The Realignment of International Relations 2008 ,		118
359	Failure mode and effects analysis based on D numbers and TOPSIS. <i>Quality and Reliability Engineering International</i> , 2018 , 34, 501-515	2.6	117
358	Evidence Combination From an Evolutionary Game Theory Perspective. <i>IEEE Transactions on Cybernetics</i> , 2016 , 46, 2070-82	10.2	114
357	D-DEMATEL: A new method to identify critical success factors in emergency management. <i>Safety Science</i> , 2017 , 91, 93-104	5.8	114
356	Diatomite: A promising natural candidate as carrier material for low, middle and high temperature phase change material. <i>Energy Conversion and Management</i> , 2015 , 98, 34-45	10.6	113
355	Evidential Supplier Selection Based on DEMATEL and Game Theory. <i>International Journal of Fuzzy Systems</i> , 2018 , 20, 1321-1333	3.6	113

354	A new method of identifying influential nodes in complex networks based on TOPSIS. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2014 , 399, 57-69	3.3	112
353	Preparation of paraffin/porous TiO ₂ foams with enhanced thermal conductivity as PCM, by covering the TiO ₂ surface with a carbon layer. <i>Applied Energy</i> , 2016 , 171, 37-45	10.7	110
352	Environmental impact assessment based on D numbers. <i>Expert Systems With Applications</i> , 2014 , 41, 635-643	6.43	108
351	Combining conflicting evidence using the DEMATEL method. <i>Soft Computing</i> , 2019 , 23, 8207-8216	3.5	106
350	DS-VIKOR: A New Multi-criteria Decision-Making Method for Supplier Selection. <i>International Journal of Fuzzy Systems</i> , 2019 , 21, 157-175	3.6	101
349	Dependent Evidence Combination Based on Shearman Coefficient and Pearson Coefficient. <i>IEEE Access</i> , 2018 , 6, 11634-11640	3.5	99
348	An Improved Genetic Algorithm with Initial Population Strategy for Symmetric TSP. <i>Mathematical Problems in Engineering</i> , 2015 , 2015, 1-6	1.1	97
347	Stable strategies analysis based on the utility of Z-number in the evolutionary games. <i>Applied Mathematics and Computation</i> , 2018 , 324, 202-217	2.7	95
346	An evidential DEMATEL method to identify critical success factors in emergency management. <i>Applied Soft Computing Journal</i> , 2014 , 22, 504-510	7.5	95
345	Uncertainty measure in evidence theory. <i>Science China Information Sciences</i> , 2020 , 63, 1	3.4	93
344	A Method of Measuring Uncertainty for Z-Number. <i>IEEE Transactions on Fuzzy Systems</i> , 2019 , 27, 731-738	8.3	92
343	A modified evidential methodology of identifying influential nodes in weighted networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2013 , 392, 5490-5500	3.3	90
342	Generalized Ordered Propositions Fusion Based on Belief Entropy. <i>International Journal of Computers, Communications and Control</i> , 2018 , 13, 792-807	3.6	90
341	Evidential cognitive maps. <i>Knowledge-Based Systems</i> , 2012 , 35, 77-86	7.3	85
340	Risk analysis in a linguistic environment: A fuzzy evidential reasoning-based approach. <i>Expert Systems With Applications</i> , 2011 , 38, 15438-15446	7.8	85
339	Assessment of E-Commerce security using AHP and evidential reasoning. <i>Expert Systems With Applications</i> , 2012 , 39, 3611-3623	7.8	84
338	Information Volume of Mass Function. <i>International Journal of Computers, Communications and Control</i> , 2020 , 15,	3.6	83
337	Evaluating sensor reliability in classification problems based on evidence theory. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2006 , 36, 970-81		82

336	Measure the structure similarity of nodes in complex networks based on relative entropy. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018 , 491, 749-763	3.3	81
335	An enhanced fuzzy evidential DEMATEL method with its application to identify critical success factors. <i>Soft Computing</i> , 2018 , 22, 5073-5090	3.5	81
334	A novel method for forecasting time series based on fuzzy logic and visibility graph. <i>Advances in Data Analysis and Classification</i> , 2017 , 11, 759-783	1.8	81
333	Route selection for emergency logistics management: A bio-inspired algorithm. <i>Safety Science</i> , 2013 , 54, 87-91	5.8	81
332	Dependence assessment in human reliability analysis based on D numbers and AHP. <i>Nuclear Engineering and Design</i> , 2017 , 313, 243-252	1.8	80
331	A DEMATEL-based completion method for incomplete pairwise comparison matrix in AHP. <i>Annals of Operations Research</i> , 2018 , 271, 1045-1066	3.2	79
330	Ranking fuzzy numbers with an area method using radius of gyration. <i>Computers and Mathematics With Applications</i> , 2006 , 51, 1127-1136	2.7	79
329	A hybrid intelligent model for assessment of critical success factors in high-risk emergency system. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2018 , 9, 1933-1953	3.7	75
328	An improved method for risk evaluation in failure modes and effects analysis of aircraft engine rotor blades. <i>Engineering Failure Analysis</i> , 2012 , 26, 164-174	3.2	75
327	The Negation of a Basic Probability Assignment. <i>IEEE Transactions on Fuzzy Systems</i> , 2019 , 27, 135-143	8.3	74
326	A new measure of identifying influential nodes: Efficiency centrality. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2017 , 47, 151-163	3.7	73
325	Identifying influential nodes in complex networks: A node information dimension approach. <i>Chaos</i> , 2018 , 28, 043109	3.3	72
324	A novel method to use fuzzy soft sets in decision making based on ambiguity measure and Dempster-Shafer theory of evidence: An application in medical diagnosis. <i>Artificial Intelligence in Medicine</i> , 2016 , 69, 1-11	7.4	72
323	A new divergence measure for basic probability assignment and its applications in extremely uncertain environments. <i>International Journal of Intelligent Systems</i> , 2019 , 34, 584-600	8.4	72
322	Identifying influential nodes in complex networks based on the inverse-square law. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018 , 512, 1044-1059	3.3	71
321	Engine fault diagnosis based on sensor data fusion considering information quality and evidence theory. <i>Advances in Mechanical Engineering</i> , 2018 , 10, 168781401880918	1.2	71
320	A new failure mode and effects analysis model using Dempster-Shafer evidence theory and grey relational projection method. <i>Engineering Applications of Artificial Intelligence</i> , 2018 , 76, 13-20	7.2	71
319	A new linguistic MCDM method based on multiple-criterion data fusion. <i>Expert Systems With Applications</i> , 2011 , 38, 6985-6993	7.8	70

318	Modeling contaminant intrusion in water distribution networks: A new similarity-based DST method. <i>Expert Systems With Applications</i> , 2011 , 38, 571-578	7.8	69
317	A new Hausdorff distance for image matching. <i>Pattern Recognition Letters</i> , 2005 , 26, 581-586	4.7	69
316	D-AHP method with different credibility of information. <i>Soft Computing</i> , 2019 , 23, 683-691	3.5	68
315	Multi-criteria decision making in Pythagorean fuzzy environment. <i>Applied Intelligence</i> , 2020 , 50, 537-561	4.9	68
314	Identifying influential nodes in complex networks based on AHP. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2017 , 479, 422-436	3.3	66
313	Pore structure modified diatomite-supported PEG composites for thermal energy storage. <i>Scientific Reports</i> , 2016 , 6, 32392	4.9	66
312	IFSJSP: A novel methodology for the Job-Shop Scheduling Problem based on intuitionistic fuzzy sets. <i>International Journal of Production Research</i> , 2013 , 51, 5100-5119	7.8	66
311	Preparation and Characterization of KNO ₃ /Diatomite Shape-Stabilized Composite Phase Change Material for High Temperature Thermal Energy Storage. <i>Journal of Materials Science and Technology</i> , 2017 , 33, 198-203	9.1	64
310	A New Method to Identify Incomplete Frame of Discernment in Evidence Theory. <i>IEEE Access</i> , 2019 , 7, 15547-15555	3.5	64
309	Solving 0-1 knapsack problems based on amoeboid organism algorithm. <i>Applied Mathematics and Computation</i> , 2013 , 219, 9959-9970	2.7	64
308	Modeling Sensor Reliability in Fault Diagnosis Based on Evidence Theory. <i>Sensors</i> , 2016 , 16,	3.8	64
307	An improved distance-based total uncertainty measure in belief function theory. <i>Applied Intelligence</i> , 2017 , 46, 898-915	4.9	63
306	A New Belief Entropy to Measure Uncertainty of Basic Probability Assignments Based on Belief Function and Plausibility Function. <i>Entropy</i> , 2018 , 20,	2.8	63
305	Evidential identification of influential nodes in network of networks. <i>Chaos, Solitons and Fractals</i> , 2018 , 117, 283-296	9.3	63
304	A New Divergence Measure of Pythagorean Fuzzy Sets Based on Belief Function and Its Application in Medical Diagnosis. <i>Mathematics</i> , 2020 , 8, 142	2.3	62
303	Generating Z-number based on OWA weights using maximum entropy. <i>International Journal of Intelligent Systems</i> , 2018 , 33, 1745-1755	8.4	62
302	Risk Evaluation in Failure Mode and Effects Analysis Based on D Numbers Theory. <i>International Journal of Computers, Communications and Control</i> , 2019 , 14, 672	3.6	62
301	Dependence assessment in human reliability analysis based on evidence credibility decay model and IOWA operator. <i>Annals of Nuclear Energy</i> , 2018 , 112, 673-684	1.7	61

300	Polyethylene glycol-enwrapped silicon carbide nanowires network/expanded vermiculite composite phase change materials: Form-stabilization, thermal energy storage behavior and thermal conductivity enhancement. <i>Solar Energy Materials and Solar Cells</i> , 2018 , 174, 283-291	6.4	60
299	Combination of Evidential Sensor Reports with Distance Function and Belief Entropy in Fault Diagnosis. <i>International Journal of Computers, Communications and Control</i> , 2019 , 14, 329-343	3.6	58
298	A New MADA Methodology Based on D Numbers. <i>International Journal of Fuzzy Systems</i> , 2018 , 20, 2458-2469	3.6	57
297	A new method to determine basic probability assignment from training data. <i>Knowledge-Based Systems</i> , 2013 , 46, 69-80	7.3	56
296	Information Volume of Fuzzy Membership Function. <i>International Journal of Computers, Communications and Control</i> , 2021 , 16,	3.6	56
295	Performer selection in Human Reliability analysis: D numbers approach. <i>International Journal of Computers, Communications and Control</i> , 2019 , 14, 437-452	3.6	55
294	A modified weighted TOPSIS to identify influential nodes in complex networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2016 , 444, 73-85	3.3	54
293	A new method to measure the divergence in evidential sensor data fusion. <i>International Journal of Distributed Sensor Networks</i> , 2019 , 15, 155014771984129	1.7	54
292	Evaluation method based on fuzzy relations between Dempster-Shafer belief structure. <i>International Journal of Intelligent Systems</i> , 2018 , 33, 1343-1363	8.4	54
291	Evidential Decision Tree Based on Belief Entropy. <i>Entropy</i> , 2019 , 21, 897	2.8	54
290	An association coefficient of a belief function and its application in a target recognition system. <i>International Journal of Intelligent Systems</i> , 2020 , 35, 85-104	8.4	54
289	Box-covering algorithm for fractal dimension of weighted networks. <i>Scientific Reports</i> , 2013 , 3, 3049	4.9	53
288	Toward uncertainty of weighted networks: An entropy-based model. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018 , 508, 176-186	3.3	53
287	Generalized Belief Entropy and Its Application in Identifying Conflict Evidence. <i>IEEE Access</i> , 2019 , 7, 126625-126633	3.5	53
286	New Failure Mode and Effects Analysis: An Evidential Downscaling Method. <i>Quality and Reliability Engineering International</i> , 2016 , 32, 737-746	2.6	52
285	A bio-inspired methodology of identifying influential nodes in complex networks. <i>PLoS ONE</i> , 2013 , 8, e66732	3.7	52
284	An interval-valued Pythagorean prioritized operator-based game theoretical framework with its applications in multicriteria group decision making. <i>Neural Computing and Applications</i> , 2020 , 32, 7641-7659	4.8	52
283	Supercooling Suppression and Thermal Conductivity Enhancement of Na ₂ HPO ₄ ·12H ₂ O/Expanded Vermiculite Form-Stable Composite Phase Change Materials with Alumina for Heat Storage. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 6792-6801	8.3	51

282	Combining dependent bodies of evidence. <i>Applied Intelligence</i> , 2016 , 44, 634-644	4.9	51
281	A New Aggregating Operator for Linguistic Information Based on D Numbers. <i>International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems</i> , 2016 , 24, 831-846	0.8	50
280	A new rule to combine dependent bodies of evidence. <i>Soft Computing</i> , 2019 , 23, 9793-9799	3.5	48
279	Design and preparation of shape-stabilized composite phase change material with high thermal reliability via encapsulating polyethylene glycol into flower-like TiO ₂ nanostructure for thermal energy storage. <i>Applied Thermal Engineering</i> , 2017 , 114, 328-336	5.8	47
278	Supplier selection based on evidence theory and analytic network process. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , 2016 , 230, 562-573	2.4	47
277	Uncertainty measure based on Tsallis entropy in evidence theory. <i>International Journal of Intelligent Systems</i> , 2019 , 34, 3105-3120	8.4	47
276	Dependent evidence combination based on decision-making trial and evaluation laboratory method. <i>International Journal of Intelligent Systems</i> , 2019 , 34, 1555-1571	8.4	46
275	A new optimal consensus method with minimum cost in fuzzy group decision. <i>Knowledge-Based Systems</i> , 2012 , 35, 357-360	7.3	46
274	A novel matrix game with payoffs of Maxitive Belief Structure. <i>International Journal of Intelligent Systems</i> , 2019 , 34, 690-706	8.4	46
273	Base belief function: an efficient method of conflict management. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2019 , 10, 3427-3437	3.7	46
272	D-CFPR: D numbers extended consistent fuzzy preference relations. <i>Knowledge-Based Systems</i> , 2015 , 73, 61-68	7.3	45
271	The Maximum Deng Entropy. <i>IEEE Access</i> , 2019 , 7, 120758-120765	3.5	45
270	An Evidential Fractal Analytic Hierarchy Process Target Recognition Method. <i>Defence Science Journal</i> , 2018 , 68, 367	1.4	45
269	Quantum model of mass function. <i>International Journal of Intelligent Systems</i> , 2020 , 35, 267-282	8.4	45
268	Identification of influencers in complex networks by local information dimensionality. <i>Information Sciences</i> , 2020 , 512, 549-562	7.7	45
267	AN EVALUATION FOR SUSTAINABLE MOBILITY EXTENDED BY D NUMBERS. <i>Technological and Economic Development of Economy</i> , 2019 , 25, 802-819	4.7	44
266	Identifying node importance based on evidence theory in complex networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2019 , 529, 121538	3.3	43
265	A new closeness centrality measure via effective distance in complex networks. <i>Chaos</i> , 2015 , 25, 033112	3.3	43

264	Weighted k-shell decomposition for complex networks based on potential edge weights. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2015 , 420, 277-283	3.3	43
263	A novel visibility graph transformation of time series into weighted networks. <i>Chaos, Solitons and Fractals</i> , 2018 , 117, 201-208	9.3	43
262	Determine the Number of Unknown Targets in Open World Based on Elbow Method. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 29, 986-995	8.3	42
261	Conflict management based on belief function entropy in sensor fusion. <i>SpringerPlus</i> , 2016 , 5, 638		40
260	Divergence Measure of Belief Function and Its Application in Data Fusion. <i>IEEE Access</i> , 2019 , 7, 107465-107472	9.5	39
259	A biologically inspired solution for fuzzy shortest path problems. <i>Applied Soft Computing Journal</i> , 2013 , 13, 2356-2363	7.5	39
258	Weighted Evidence Combination Based on Distance of Evidence and Entropy Function. <i>International Journal of Distributed Sensor Networks</i> , 2016 , 12, 3218784	1.7	39
257	Fuzzy evidential influence diagram and its evaluation algorithm. <i>Knowledge-Based Systems</i> , 2017 , 131, 28-45	7.3	38
256	GMM: A generalized mechanics model for identifying the importance of nodes in complex networks. <i>Knowledge-Based Systems</i> , 2020 , 193, 105464	7.3	38
255	A new information dimension of complex networks. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2014 , 378, 1091-1094	2.3	38
254	A Matrix Method of Basic Belief Assignment's Negation in Dempster-Shafer Theory. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 28, 2270-2276	8.3	38
253	A new decision-making method by incomplete preferences based on evidence distance. <i>Knowledge-Based Systems</i> , 2014 , 56, 264-272	7.3	37
252	A new method to identify influential nodes based on relative entropy. <i>Chaos, Solitons and Fractals</i> , 2017 , 104, 257-267	9.3	37
251	A fuzzy extended analytic network process-based approach for global supplier selection. <i>Applied Intelligence</i> , 2015 , 43, 760-772	4.9	36
250	A hybrid DEMATEL-FRACTAL method of handling dependent evidences. <i>Engineering Applications of Artificial Intelligence</i> , 2020 , 91, 103543	7.2	36
249	Measuring transferring similarity via local information. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018 , 498, 102-115	3.3	36
248	A Threat Assessment Model under Uncertain Environment. <i>Mathematical Problems in Engineering</i> , 2015 , 2015, 1-12	1.1	36
247	The Pseudo-Pascal Triangle of Maximum Deng Entropy. <i>International Journal of Computers, Communications and Control</i> , 2020 , 15,	3.6	35

246	Weighted belief function of sensor data fusion in engine fault diagnosis. <i>Soft Computing</i> , 2020 , 24, 2329-2339	3.3	35
245	A New Geometric Mean FMEA Method Based on Information Quality. <i>IEEE Access</i> , 2019 , 7, 95547-95554	3.5	34
244	A cluster-growing dimension of complex networks: From the view of node closeness centrality. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2019 , 522, 80-87	3.3	34
243	Entropic methodology for entanglement measures. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018 , 512, 693-697	3.3	34
242	An evidential game theory framework in multi-criteria decision making process. <i>Applied Mathematics and Computation</i> , 2014 , 244, 783-793	2.7	34
241	Weighted evidence combination based on distance of evidence and uncertainty measure. <i>Hongwai Yu Haomibo Xuebao/Journal of Infrared and Millimeter Waves</i> , 2012 , 30, 396-400	0	34
240	A New Methodology of Multicriteria Decision-Making in Supplier Selection Based on Z-Numbers. <i>Mathematical Problems in Engineering</i> , 2016 , 2016, 1-17	1.1	34
239	The Negation of Basic Probability Assignment. <i>IEEE Access</i> , 2019 , 7, 107006-107014	3.5	34
238	Uncertain database retrieval with measure [Based belief function attribute values under intuitionistic fuzzy set. <i>Information Sciences</i> , 2021 , 546, 436-447	7.7	34
237	FUZZY SENSOR FUSION BASED ON EVIDENCE THEORY AND ITS APPLICATION. <i>Applied Artificial Intelligence</i> , 2013 , 27, 235-248	2.3	32
236	A modified multi-criterion optimization genetic algorithm for order distribution in collaborative supply chain. <i>Applied Mathematical Modelling</i> , 2013 , 37, 7855-7864	4.5	32
235	Probability Transform Based on the Ordered Weighted Averaging and Entropy Difference. <i>International Journal of Computers, Communications and Control</i> , 2020 , 15,	3.6	32
234	A New Uncertainty Measure of Discrete Z-numbers. <i>International Journal of Fuzzy Systems</i> , 2020 , 22, 760-766	3.7	31
233	Intuitionistic Evidence Sets. <i>IEEE Access</i> , 2019 , 7, 106417-106426	3.5	31
232	A new method in failure mode and effects analysis based on evidential reasoning. <i>International Journal of Systems Assurance Engineering and Management</i> , 2014 , 5, 1-10	1.3	31
231	Fuzzy Evaluation of Network Vulnerability. <i>Quality and Reliability Engineering International</i> , 2016 , 32, 1715-1730	2.6	31
230	An intelligent physarum solver for supply chain network design under profit maximization and oligopolistic competition. <i>International Journal of Production Research</i> , 2017 , 55, 244-263	7.8	30
229	TDBF: Two-dimensional belief function. <i>International Journal of Intelligent Systems</i> , 2019 , 34, 1968-1982	8.4	30

228	Determining Weights in Multi-Criteria Decision Making Based on Negation of Probability Distribution under Uncertain Environment. <i>Mathematics</i> , 2020 , 8, 191	2.3	30
227	An Approach to Locate Parametric Faults in Nonlinear Analog Circuits. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2012 , 61, 358-367	5.2	30
226	Handling of Dependence in Dempster-Shafer Theory. <i>International Journal of Intelligent Systems</i> , 2015 , 30, 441-467	8.4	30
225	A New Method to Determine Generalized Basic Probability Assignment in the Open World. <i>IEEE Access</i> , 2019 , 7, 52827-52835	3.5	29
224	A new method to construct co-author networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2015 , 419, 29-39	3.3	29
223	A non-parametric method to determine basic probability assignment for classification problems. <i>Applied Intelligence</i> , 2014 , 41, 681-693	4.9	29
222	Radial-like mesoporous silica sphere: A promising new candidate of supporting material for storage of low-, middle-, and high-temperature heat. <i>Energy</i> , 2016 , 112, 1074-1083	7.9	29
221	A novel distance function of D numbers and its application in product engineering. <i>Engineering Applications of Artificial Intelligence</i> , 2016 , 47, 61-67	7.2	28
220	Entropy measure for orderable sets. <i>Information Sciences</i> , 2021 , 561, 141-151	7.7	28
219	A method to determine basic probability assignment in the open world and its application in data fusion and classification. <i>Applied Intelligence</i> , 2017 , 46, 934-951	4.9	27
218	The vulnerability of communities in complex networks: An entropy approach. <i>Reliability Engineering and System Safety</i> , 2020 , 196, 106782	6.3	27
217	Identifying influential nodes in complex networks from global perspective. <i>Chaos, Solitons and Fractals</i> , 2020 , 133, 109637	9.3	27
216	Identifying influential spreaders by weight degree centrality in complex networks. <i>Chaos, Solitons and Fractals</i> , 2016 , 86, 1-7	9.3	27
215	Modeling the self-similarity in complex networks based on Coulomb's law. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2016 , 35, 97-104	3.7	27
214	An adaptive amoeba algorithm for constrained shortest paths. <i>Expert Systems With Applications</i> , 2013 , 40, 7607-7616	7.8	27
213	Entropic Explanation of Power Set. <i>International Journal of Computers, Communications and Control</i> , 2021 , 16,	3.6	27
212	Vital spreaders identification in complex networks with multi-local dimension. <i>Knowledge-Based Systems</i> , 2020 , 195, 105717	7.3	27
211	A modified efficiency centrality to identify influential nodes in weighted networks 2019 , 92, 1		26

210	A belief-based evolutionarily stable strategy. <i>Journal of Theoretical Biology</i> , 2014 , 361, 81-6	2.3	26
209	Target Recognition Based on Fuzzy Dempster Data Fusion Method. <i>Defence Science Journal</i> , 2010 , 60, 525-530	1.4	26
208	Fast transformation from time series to visibility graphs. <i>Chaos</i> , 2015 , 25, 083105	3.3	25
207	Total utility of Z-number. <i>Applied Intelligence</i> , 2018 , 48, 703-729	4.9	25
206	The generalization negation of probability distribution and its application in target recognition based on sensor fusion. <i>International Journal of Distributed Sensor Networks</i> , 2019 , 15, 155014771984938	1.7	25
205	A note on ranking generalized fuzzy numbers. <i>Expert Systems With Applications</i> , 2012 , 39, 6454-6457	7.8	25
204	An Evidential Failure Mode and Effects Analysis Using Linguistic Terms. <i>Quality and Reliability Engineering International</i> , 2017 , 33, 993-1010	2.6	24
203	A vector and geometry interpretation of basic probability assignment in Dempster-Shafer theory. <i>International Journal of Intelligent Systems</i> , 2020 , 35, 944-962	8.4	24
202	Rapid Physarum Algorithm for shortest path problem. <i>Applied Soft Computing Journal</i> , 2014 , 23, 19-26	7.5	24
201	. <i>Journal of Systems Engineering and Electronics</i> , 2015 , 26, 381-387	1.3	24
200	An evidential evaluation of nuclear safeguards. <i>International Journal of Distributed Sensor Networks</i> , 2019 , 15, 155014771989455	1.7	24
199	A biologically inspired network design model. <i>Scientific Reports</i> , 2015 , 5, 10794	4.9	23
198	A Physarum-inspired approach to supply chain network design. <i>Science China Information Sciences</i> , 2016 , 59, 1	3.4	23
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1	Safety Assessment of Dynamic Systems: An Evidential Group Interaction-Based Fusion Design. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021 , 70, 1-14	5.2	