

Yong Deng

List of Publications by Year in Descending Order

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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	Exponential negation of a probability distribution. <i>Soft Computing</i> , 2022 , 26, 2147	3.5	1
370	Random Permutation Set. <i>International Journal of Computers, Communications and Control</i> , 2022 , 17,	3.6	15
369	A decomposable Deng entropy. <i>Chaos, Solitons and Fractals</i> , 2022 , 156, 111835	9.3	2
368	A generalized divergence of information volume and its applications. <i>Engineering Applications of Artificial Intelligence</i> , 2022 , 108, 104584	7.2	7
367	Higher order information volume of mass function. <i>Information Sciences</i> , 2022 , 586, 501-513	7.7	6
366	Fractal-based belief entropy. <i>Information Sciences</i> , 2022 , 587, 265-282	7.7	6
365	A novel similarity measure in intuitionistic fuzzy sets and its applications. <i>Engineering Applications of Artificial Intelligence</i> , 2022 , 107, 104512	7.2	6
364	An improved multisource data fusion method based on a novel divergence measure of belief function. <i>Engineering Applications of Artificial Intelligence</i> , 2022 , 111, 104834	7.2	0
363	The capacity constraint physarum solver. <i>Journal of Computational Science</i> , 2022 , 101725	3.4	0
362	Compound Credibility for Conflicting Evidence Combination: An Autoencoder-K-Means Approach. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-9	7.3	4
361	QLEN: Quantum-Like Evidential Networks for Predicting the Decision in Prisoner's Dilemma. <i>Lecture Notes in Computer Science</i> , 2021 , 300-308	0.9	
360	Entropic Explanation of Power Set. <i>International Journal of Computers, Communications and Control</i> , 2021 , 16,	3.6	27
359	Identifying influential nodes: A new method based on network efficiency of edge weight updating. <i>Chaos</i> , 2021 , 31, 033120	3.3	4
358	Novel LncRNA OXCT1-AS1 indicates poor prognosis and contributes to tumorigenesis by regulating miR-195/CDC25A axis in glioblastoma. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021 , 40, 123	12.8	7
357	Entropy measure for orderable sets. <i>Information Sciences</i> , 2021 , 561, 141-151	7.7	28
356	Interval-valued belief entropies for Dempster-Shafer structures. <i>Soft Computing</i> , 2021 , 25, 1-9	3.5	19
355	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

354	Network-based evidential three-way theoretic model for large-scale group decision analysis. <i>Information Sciences</i> , 2021 , 547, 689-709	7.7	14
353	On the conjunction of possibility measures under intuitionistic evidence sets. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2021 , 12, 7827-7836	3.7	5
352	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
351	The identification of influential nodes based on structure similarity. <i>Connection Science</i> , 2021 , 33, 201-218	8.8	10
350	The Constrained Pythagorean Fuzzy Sets and Its Similarity Measure. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 1-1	8.3	15
349	LFIC: Identifying influential nodes in complex networks by local fuzzy information centrality. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 1-1	8.3	3
348	Quantum Pythagorean Fuzzy Evidence Theory (QPFET): A Negation of Quantum Mass Function View. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 1-1	8.3	9
347	A generalized gravity model for influential spreaders identification in complex networks. <i>Chaos, Solitons and Fractals</i> , 2021 , 143, 110456	9.3	11
346	Local volume dimension: A novel approach for important nodes identification in complex networks. <i>International Journal of Modern Physics B</i> , 2021 , 35, 2150069	1.1	3
345	Decision making under measure-based granular uncertainty with intuitionistic fuzzy sets. <i>Applied Intelligence</i> , 2021 , 51, 1-10	4.9	14
344	A new belief structure based on cardinality measure. <i>Computational and Applied Mathematics</i> , 2021 , 40, 1	2.4	2
343	A new crude oil price forecasting model based on variational mode decomposition. <i>Knowledge-Based Systems</i> , 2021 , 213, 106669	7.3	16
342	Multisource basic probability assignment fusion based on information quality. <i>International Journal of Intelligent Systems</i> , 2021 , 36, 1851-1875	8.4	17
341	A Physarum-inspired algorithm for logistics optimization: From the perspective of effective distance. <i>Swarm and Evolutionary Computation</i> , 2021 , 64, 100890	9.8	3
340	Combining conflicting evidence based on Pearson correlation coefficient and weighted graph. <i>International Journal of Intelligent Systems</i> , 2021 , 36, 7443	8.4	13
339	A real Shapley value for evidential games with fuzzy characteristic function. <i>Engineering Applications of Artificial Intelligence</i> , 2021 , 104, 104350	7.2	1
338	Identifying influential nodes in complex networks: Effective distance gravity model. <i>Information Sciences</i> , 2021 , 577, 162-179	7.7	9
337	Probability transformation of mass function: A weighted network method based on the ordered visibility graph. <i>Engineering Applications of Artificial Intelligence</i> , 2021 , 105, 104438	7.2	21

336	Generating method of Pythagorean fuzzy sets from the negation of probability. <i>Engineering Applications of Artificial Intelligence</i> , 2021 , 105, 104403	7.2	9
335	Natural visibility encoding for time series and its application in stock trend prediction. <i>Knowledge-Based Systems</i> , 2021 , 232, 107478	7.3	3
334	Relative entropy of Z-numbers. <i>Information Sciences</i> , 2021 , 581, 1-17	7.7	2
333	Measure-based Group Decision Making with Principle-guided Social Interaction Influence for Incomplete Information: A Game Theoretic Perspective. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 1-1	8.3	4
332	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	
331	Information Volume of Fuzzy Membership Function. <i>International Journal of Computers, Communications and Control</i> , 2021 , 16,	3.6	56
330	Refined Expected Value Decision Rules under Orthopair Fuzzy Environment. <i>Mathematics</i> , 2020 , 8, 442	2.3	10
329	Uncertainty measure in evidence theory. <i>Science China Information Sciences</i> , 2020 , 63, 1	3.4	93
328	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
327	A New Uncertainty Measure of Discrete Z-numbers. <i>International Journal of Fuzzy Systems</i> , 2020 , 22, 760-766	3.7	31
326	Alternatives selection for produced water management: A network-based methodology. <i>Engineering Applications of Artificial Intelligence</i> , 2020 , 91, 103556	7.2	8
325	Pignistic Belief Transform: A New Method of Conflict Measurement. <i>IEEE Access</i> , 2020 , 8, 15265-15272	3.5	8
324	Entailment for intuitionistic fuzzy sets based on generalized belief structures. <i>International Journal of Intelligent Systems</i> , 2020 , 35, 963-982	8.4	18
323	A hybrid DEMATEL-FRACTAL method of handling dependent evidences. <i>Engineering Applications of Artificial Intelligence</i> , 2020 , 91, 103543	7.2	36
322	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
321	The vulnerability of communities in complex networks: An entropy approach. <i>Reliability Engineering and System Safety</i> , 2020 , 196, 106782	6.3	27
320	A new method to predict the interference effect in quantum-like Bayesian networks. <i>Soft Computing</i> , 2020 , 24, 10287-10294	3.5	17
319	An Efficient Network Method for Time Series Forecasting Based on the DC Algorithm and Visibility Relation. <i>IEEE Access</i> , 2020 , 8, 7598-7608	3.5	7

3 ¹⁸	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
3 ¹⁷	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
3 ¹⁶	Identifying influential nodes in complex networks from global perspective. <i>Chaos, Solitons and Fractals</i> , 2020 , 133, 109637	9.3	27
3 ¹⁵	A Novel Model to Identify the Influential Nodes: Evidence Theory Centrality. <i>IEEE Access</i> , 2020 , 8, 46773-46780	3.5	10
3 ¹⁴	An Improved Belief Entropy in Evidence Theory. <i>IEEE Access</i> , 2020 , 8, 57505-57516	3.5	17
3 ¹³	The Pseudo-Pascal Triangle of Maximum Deng Entropy. <i>International Journal of Computers, Communications and Control</i> , 2020 , 15,	3.6	35
3 ¹²	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
3 ¹¹	Information Volume of Mass Function. <i>International Journal of Computers, Communications and Control</i> , 2020 , 15,	3.6	83
3 ¹⁰	Quantum model of mass function. <i>International Journal of Intelligent Systems</i> , 2020 , 35, 267-282	8.4	45
3 ⁰⁹	Complex network modeling of evidence theory. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 1-1	8.3	18
3 ⁰⁸	Generate two-dimensional belief function based on an improved similarity measure of trapezoidal fuzzy numbers. <i>Computational and Applied Mathematics</i> , 2020 , 39, 1	2.4	12
3 ⁰⁷	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
3 ⁰⁶	Weighted belief function of sensor data fusion in engine fault diagnosis. <i>Soft Computing</i> , 2020 , 24, 2329-2339	3.3	35
3 ⁰⁵	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
3 ⁰⁴	Identification of influencers in complex networks by local information dimensionality. <i>Information Sciences</i> , 2020 , 512, 549-562	7.7	45
3 ⁰³	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
3 ⁰²	Multi-criteria decision making in Pythagorean fuzzy environment. <i>Applied Intelligence</i> , 2020 , 50, 537-561	4.9	68
3 ⁰¹	Vital spreaders identification in complex networks with multi-local dimension. <i>Knowledge-Based Systems</i> , 2020 , 195, 105717	7.3	27

300	A new soft likelihood function based on power ordered weighted average operator. <i>International Journal of Intelligent Systems</i> , 2019 , 34, 2988-2999	8.4	17
299	A New Geometric Mean FMEA Method Based on Information Quality. <i>IEEE Access</i> , 2019 , 7, 95547-95554	3.5	34
298	Divergence Measure of Belief Function and Its Application in Data Fusion. <i>IEEE Access</i> , 2019 , 7, 107465-107472	3.5	39
297	Generalized Belief Entropy and Its Application in Identifying Conflict Evidence. <i>IEEE Access</i> , 2019 , 7, 126625-126633	3.5	33
296	A new rule to combine dependent bodies of evidence. <i>Soft Computing</i> , 2019 , 23, 9793-9799	3.5	48
295	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
294	TDBF: Two-dimensional belief function. <i>International Journal of Intelligent Systems</i> , 2019 , 34, 1968-1982	8.4	30
293	A New Method to Determine Generalized Basic Probability Assignment in the Open World. <i>IEEE Access</i> , 2019 , 7, 52827-52835	3.5	29
292	A bio-inspired optimal network division method. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2019 , 527, 121259	3.3	21
291	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
290	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
289	A modified efficiency centrality to identify influential nodes in weighted networks 2019 , 92, 1		26
288	A New Method to Identify Incomplete Frame of Discernment in Evidence Theory. <i>IEEE Access</i> , 2019 , 7, 15547-15555	3.5	64
287	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
286	Combining conflicting evidence using the DEMATEL method. <i>Soft Computing</i> , 2019 , 23, 8207-8216	3.5	106
285	Intuitionistic Evidence Sets. <i>IEEE Access</i> , 2019 , 7, 106417-106426	3.5	31
284	Design of diatomite-based hydrated salt composites with low supercooling degree and enhanced heat transfer for thermal energy storage. <i>International Journal of Energy Research</i> , 2019 , 43, 7058-7074	4.5	13
283	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

282	The Maximum Deng Entropy. <i>IEEE Access</i> , 2019 , 7, 120758-120765	3.5	45
281	A Fast Algorithm for Network Forecasting Time Series. <i>IEEE Access</i> , 2019 , 7, 102554-102560	3.5	22
280	Uncertainty measure based on Tsallis entropy in evidence theory. <i>International Journal of Intelligent Systems</i> , 2019 , 34, 3105-3120	8.4	47
279	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
278	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
277	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
276	AN EVALUATION FOR SUSTAINABLE MOBILITY EXTENDED BY D NUMBERS. <i>Technological and Economic Development of Economy</i> , 2019 , 25, 802-819	4.7	44
275	DS-VIKOR: A New Multi-criteria Decision-Making Method for Supplier Selection 2019 , 21, 157		1
274	The Negation of Basic Probability Assignment. <i>IEEE Access</i> , 2019 , 7, 107006-107014	3.5	34
273	An evidential evaluation of nuclear safeguards. <i>International Journal of Distributed Sensor Networks</i> , 2019 , 15, 155014771989455	1.7	24
272	A Generalized Expression for Information Quality of Basic Probability Assignment. <i>IEEE Access</i> , 2019 , 7, 174734-174739	3.5	18
271	A New Correlation Coefficient Based on Generalized Information Quality. <i>IEEE Access</i> , 2019 , 7, 175411-175419	3.5	18
270	Evidential Decision Tree Based on Belief Entropy. <i>Entropy</i> , 2019 , 21, 897	2.8	54
269	A Method of Measuring Uncertainty for Z-Number. <i>IEEE Transactions on Fuzzy Systems</i> , 2019 , 27, 731-738	3.3	92
268	A novel matrix game with payoffs of Maxitive Belief Structure. <i>International Journal of Intelligent Systems</i> , 2019 , 34, 690-706	8.4	46
267	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
266	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
265	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

264	The Negation of a Basic Probability Assignment. <i>IEEE Transactions on Fuzzy Systems</i> , 2019 , 27, 135-143	8.3	74
263	Conflict evidence management in fault diagnosis. <i>International Journal of Machine Learning and Cybernetics</i> , 2019 , 10, 121-130	3.8	11
262	D-AHP method with different credibility of information. <i>Soft Computing</i> , 2019 , 23, 683-691	3.5	68
261	Dependent Evidence Combination Based on Shearman Coefficient and Pearson Coefficient. <i>IEEE Access</i> , 2018 , 6, 11634-11640	3.5	99
260	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
259	Expanded Vermiculite: A Promising Natural Encapsulation Material of LiNO ₃ , NaNO ₃ , and KNO ₃ Phase Change Materials for Medium-Temperature Thermal Energy Storage. <i>Advanced Engineering Materials</i> , 2018 , 20, 1800135	3.5	12
258	Identifying influential nodes in complex networks: A node information dimension approach. <i>Chaos</i> , 2018 , 28, 043109	3.3	72
257	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
256	Measuring transferring similarity via local information. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018 , 498, 102-115	3.3	36
255	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
254	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
253	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
252	Estimation of Interval Probability Distribution in Categorical Data Using Maximum Entropy. <i>Lecture Notes in Computer Science</i> , 2018 , 39-47	0.9	
251	Supercooling Suppression and Thermal Conductivity Enhancement of Na ₂ HPO ₄ ·2H 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
250	Physarum polycephalum assignment: a new attempt for fuzzy user equilibrium. <i>Soft Computing</i> , 2018 , 22, 3711-3720	3.5	2
249	Total utility of Z-number. <i>Applied Intelligence</i> , 2018 , 48, 703-729	4.9	25
248	Evidential Supplier Selection Based on DEMATEL and Game Theory. <i>International Journal of Fuzzy Systems</i> , 2018 , 20, 1321-1333	3.6	113
247	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

246	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
245	Development of a predictive model for Clostridium difficile infection incidence in hospitals using Gaussian mixture model and Dempster-Shafer theory. <i>Stochastic Environmental Research and Risk Assessment</i> , 2018 , 32, 1743-1758	3.5	15
244	Evidential Model Validation under Epistemic Uncertainty. <i>Mathematical Problems in Engineering</i> , 2018 , 2018, 1-11	1.1	16
243	A New MADA Methodology Based on D Numbers. <i>International Journal of Fuzzy Systems</i> , 2018 , 20, 2458-2469	3.69	57
242	Generating Z-number based on OWA weights using maximum entropy. <i>International Journal of Intelligent Systems</i> , 2018 , 33, 1745-1755	8.4	62
241	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
240	Entropic methodology for entanglement measures. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018 , 512, 693-697	3.3	34
239	Detecting identical entanglement pure states for two qubits 2018 , 91, 1		4
238	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
237	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
236	An Evidential Fractal Analytic Hierarchy Process Target Recognition Method. <i>Defence Science Journal</i> , 2018 , 68, 367	1.4	45
235	New Failure Mode and Effects Analysis based on D Numbers Downscaling Method. <i>International Journal of Computers, Communications and Control</i> , 2018 , 13, 205-220	3.6	14
234	Generalized Ordered Propositions Fusion Based on Belief Entropy. <i>International Journal of Computers, Communications and Control</i> , 2018 , 13, 792-807	3.6	90
233	Forecasting Construction Cost Index based on visibility graph: A network approach. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018 , 493, 239-252	3.3	20
232	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
231	Evidential identification of influential nodes in network of networks. <i>Chaos, Solitons and Fractals</i> , 2018 , 117, 283-296	9.3	63
230	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
229	A novel visibility graph transformation of time series into weighted networks. <i>Chaos, Solitons and Fractals</i> , 2018 , 117, 201-208	9.3	43

228	Polyethylene Glycol-Carbon Nanotubes/Expanded Vermiculite Form-Stable Composite Phase Change Materials: Simultaneously Enhanced Latent Heat and Heat Transfer. <i>Polymers</i> , 2018 , 10,	4.5	14
227	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
226	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
225	Fault tree analysis based on TOPSIS and triangular fuzzy number. <i>International Journal of Systems Assurance Engineering and Management</i> , 2017 , 8, 2064-2070	1.3	12
224	Ranking discrete fuzzy linguistic performance based on TODIM method. <i>International Journal of Systems Assurance Engineering and Management</i> , 2017 , 8, 2046-2050	1.3	3
223	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
222	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
221	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
220	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
219	A novel weight determination method for time series data aggregation. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2017 , 482, 42-55	3.3	1
218	An adaptive amoeba algorithm for shortest path tree computation in dynamic graphs. <i>Information Sciences</i> , 2017 , 405, 123-140	7.7	9
217	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
216	An Evidential Failure Mode and Effects Analysis Using Linguistic Terms. <i>Quality and Reliability Engineering International</i> , 2017 , 33, 993-1010	2.6	24
215	An evidential link prediction method and link predictability based on Shannon entropy. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2017 , 482, 699-712	3.3	14
214	Fuzzy evidential influence diagram and its evaluation algorithm. <i>Knowledge-Based Systems</i> , 2017 , 131, 28-45	7.3	38
213	A new evidential methodology of identifying influential nodes in complex networks. <i>Chaos, Solitons and Fractals</i> , 2017 , 103, 101-110	9.3	20
212	Physarum solver: a bio-inspired method for sustainable supply chain network design problem. <i>Annals of Operations Research</i> , 2017 , 254, 533-552	3.2	10
211	An improved distance-based total uncertainty measure in belief function theory. <i>Applied Intelligence</i> , 2017 , 46, 898-915	4.9	63

210	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
209	A novel method for combining conflicting evidences based on information entropy. <i>Applied Intelligence</i> , 2017 , 46, 876-888	4.9	13
208	A new method to identify influential nodes based on relative entropy. <i>Chaos, Solitons and Fractals</i> , 2017 , 104, 257-267	9.3	37
207	A new method to identify influential nodes based on combining of existing centrality measures. <i>Modern Physics Letters B</i> , 2017 , 31, 1750243	1.6	16
206	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
205	Evidential Analytic Hierarchy Process Dependence Assessment Methodology in Human Reliability Analysis. <i>Nuclear Engineering and Technology</i> , 2017 , 49, 123-133	2.6	15
204	Using Evidence Credibility Decay Model for dependence assessment in human reliability analysis. <i>Annals of Nuclear Energy</i> , 2017 , 100, 107-118	1.7	9
203	D-DEMATEL: A new method to identify critical success factors in emergency management. <i>Safety Science</i> , 2017 , 91, 93-104	5.8	114
202	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
201	A bio-inspired algorithm for solving bi-objective shortest-path problem. <i>International Journal of Information and Communication Technology</i> , 2017 , 10, 406	0.1	
200	Epidemic Processes on Complex Networks. <i>Discrete Dynamics in Nature and Society</i> , 2017 , 2017, 1-1	1.1	0
199	Location of Facility Based on Simulated Annealing and α -KW Algorithms. <i>Mathematical Problems in Engineering</i> , 2017 , 2017, 1-9	1.1	20
198	Uncertainty Management in Smart Environment. <i>Mathematical Problems in Engineering</i> , 2017 , 2017, 1-2	1.1	
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6	Negation of BPA: a belief interval approach and its application in medical pattern recognition. <i>Applied Intelligence</i> ,1	4.9	3
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4	Belief eXtropy: Measure uncertainty from negation. <i>Communications in Statistics - Theory and Methods</i> ,1-23	0.5	5
3	A generalization of Rényi entropy for basic probability assignment. <i>Communications in Statistics - Theory and Methods</i> ,1-18	0.5	0
2	An interval method to measure the uncertainty of basic probability assignment. <i>Soft Computing</i> ,1	3.5	0
1	Information fractal dimension of mass function. <i>Fractals</i> ,	3.2	4