

Wen Jiang

List of Publications by Citations

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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.

106
papers

2,896
citations

32
h-index

50
g-index

121
ext. papers

3,471
ext. citations

3.8
avg, IF

6.71
L-index

#	Paper	IF	Citations
106	A correlation coefficient for belief functions. <i>International Journal of Approximate Reasoning</i> , 2018 , 103, 94-106	3.6	137
105	Failure mode and effects analysis based on a novel fuzzy evidential method. <i>Applied Soft Computing Journal</i> , 2017 , 57, 672-683	7.5	131
104	. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 28, 1585-1599	8.3	109
103	Sensor Data Fusion with Z-Numbers and Its Application in Fault Diagnosis. <i>Sensors</i> , 2016 , 16,	3.8	103
102	Zero-sum polymatrix games with link uncertainty: A Dempster-Shafer theory solution. <i>Applied Mathematics and Computation</i> , 2019 , 340, 101-112	2.7	94
101	Evaluating Green Supply Chain Management Practices Under Fuzzy Environment: A Novel Method Based on D Number Theory. <i>International Journal of Fuzzy Systems</i> , 2019 , 21, 1389-1402	3.6	83
100	D number theory based game-theoretic framework in adversarial decision making under a fuzzy environment. <i>International Journal of Approximate Reasoning</i> , 2019 , 106, 194-213	3.6	82
99	A modified combination rule in generalized evidence theory. <i>Applied Intelligence</i> , 2017 , 46, 630-640	4.9	81
98	An evidential dynamical model to predict the interference effect of categorization on decision making results. <i>Knowledge-Based Systems</i> , 2018 , 150, 139-149	7.3	80
97	An evidential sensor fusion method in fault diagnosis. <i>Advances in Mechanical Engineering</i> , 2016 , 8, 16878-17016	8.1	79
96	Dependence assessment in human reliability analysis using an evidential network approach extended by belief rules and uncertainty measures. <i>Annals of Nuclear Energy</i> , 2018 , 117, 183-193	1.7	76
95	Intuitionistic Fuzzy Power Aggregation Operator Based on Entropy and Its Application in Decision Making. <i>International Journal of Intelligent Systems</i> , 2018 , 33, 49-67	8.4	74
94	An Evidential Axiomatic Design Approach for Decision Making Using the Evaluation of Belief Structure Satisfaction to Uncertain Target Values. <i>International Journal of Intelligent Systems</i> , 2018 , 33, 15-32	8.4	70
93	A new probability transformation method based on a correlation coefficient of belief functions. <i>International Journal of Intelligent Systems</i> , 2019 , 34, 1337-1347	8.4	67
92	A total uncertainty measure for D numbers based on belief intervals. <i>International Journal of Intelligent Systems</i> , 2019 , 34, 3302-3316	8.4	66
91	An improved method to rank generalized fuzzy numbers with different left heights and right heights. <i>Journal of Intelligent and Fuzzy Systems</i> , 2015 , 28, 2343-2355	1.6	66
90	A visibility graph power averaging aggregation operator: A methodology based on network analysis. <i>Computers and Industrial Engineering</i> , 2016 , 101, 260-268	6.4	65

89	An evidential Markov decision making model. <i>Information Sciences</i> , 2018 , 467, 357-372	7.7	61
88	Ranking Z-numbers with an improved ranking method for generalized fuzzy numbers. <i>Journal of Intelligent and Fuzzy Systems</i> , 2017 , 32, 1931-1943	1.6	60
87	An improved soft likelihood function for Dempster-Shafer belief structures. <i>International Journal of Intelligent Systems</i> , 2018 , 33, 1264-1282	8.4	58
86	A modified method for risk evaluation in failure modes and effects analysis of aircraft turbine rotor blades. <i>Advances in Mechanical Engineering</i> , 2016 , 8, 168781401664457	1.2	52
85	On the negation of a Dempster-Shafer belief structure based on maximum uncertainty allocation. <i>Information Sciences</i> , 2020 , 516, 346-352	7.7	51
84	Uncertainty measurement with belief entropy on the interference effect in the quantum-like Bayesian Networks. <i>Applied Mathematics and Computation</i> , 2019 , 347, 417-428	2.7	50
83	Multi-Scale Metric Learning for Few-Shot Learning. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2021 , 31, 1091-1102	6.4	49
82	An Uncertainty Measure for Interval-valued Evidences. <i>International Journal of Computers, Communications and Control</i> , 2017 , 12, 631	3.6	47
81	A modified Physarum-inspired model for the user equilibrium traffic assignment problem. <i>Applied Mathematical Modelling</i> , 2018 , 55, 340-353	4.5	43
80	A Method to Determine Generalized Basic Probability Assignment in the Open World. <i>Mathematical Problems in Engineering</i> , 2016 , 2016, 1-11	1.1	38
79	Intuitionistic fuzzy evidential power aggregation operator and its application in multiple criteria decision-making. <i>International Journal of Systems Science</i> , 2018 , 49, 582-594	2.3	38
78	Ordered visibility graph average aggregation operator: An application in produced water management. <i>Chaos</i> , 2017 , 27, 023117	3.3	37
77	Zero-Sum Matrix Game with Payoffs of Dempster-Shafer Belief Structures and Its Applications on Sensors. <i>Sensors</i> , 2017 , 17,	3.8	33
76	Fuzzy Risk Evaluation in Failure Mode and Effects Analysis Using a D Numbers Based Multi-Sensor Information Fusion Method. <i>Sensors</i> , 2017 , 17,	3.8	32
75	A new distance measure of interval-valued intuitionistic fuzzy sets and its application in decision making. <i>Soft Computing</i> , 2020 , 24, 6987-7003	3.5	32
74	Transfer Learning for SAR Image Classification Via Deep Joint Distribution Adaptation Networks. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2020 , 58, 5377-5392	8.1	30
73	Sensor Data Fusion Based on a New Conflict Measure. <i>Mathematical Problems in Engineering</i> , 2016 , 2016, 1-11	1.1	29
72	Identifying influential nodes based on fuzzy local dimension in complex networks. <i>Chaos, Solitons and Fractals</i> , 2019 , 119, 332-342	9.3	26

71	An information dimension of weighted complex networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018 , 501, 388-399	3.3	26
70	Risk Evaluation in Failure Mode and Effects Analysis Using Fuzzy Measure and Fuzzy Integral. <i>Symmetry</i> , 2017 , 9, 162	2.7	26
69	A New Fuzzy-Evidential Controller for Stabilization of the Planar Inverted Pendulum System. <i>PLoS ONE</i> , 2016 , 11, e0160416	3.7	25
68	A modified belief entropy in Dempster-Shafer framework. <i>PLoS ONE</i> , 2017 , 12, e0176832	3.7	24
67	Multi-scale deep feature learning network with bilateral filtering for SAR image classification. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2020 , 167, 201-213	11.8	24
66	A new method to evaluate risk in failure mode and effects analysis under fuzzy information. <i>Soft Computing</i> , 2018 , 22, 4779-4787	3.5	22
65	A New Interval Numbers Power Average Operator in Multiple Attribute Decision Making. <i>International Journal of Intelligent Systems</i> , 2017 , 32, 631-644	8.4	22
64	Conflicting evidence combination based on uncertainty measure and distance of evidence. <i>SpringerPlus</i> , 2016 , 5, 1217		22
63	An Improved Belief Entropy and Its Application in Decision-Making. <i>Complexity</i> , 2017 , 2017, 1-15	1.6	20
62	A new medical diagnosis method based on Z-numbers. <i>Applied Intelligence</i> , 2018 , 48, 854-867	4.9	19
61	A New Failure Mode and Effects Analysis Method Based on Dempster-Shafer Theory by Integrating Evidential Network. <i>IEEE Access</i> , 2019 , 7, 79579-79591	3.5	18
60	Measuring the complexity of complex network by Tsallis entropy. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2019 , 526, 121054	3.3	18
59	Evaluating Topological Vulnerability Based on Fuzzy Fractal Dimension. <i>International Journal of Fuzzy Systems</i> , 2018 , 20, 1956-1967	3.6	18
58	A Novel Single-Valued Neutrosophic Set Similarity Measure and Its Application in Multicriteria Decision-Making. <i>Symmetry</i> , 2017 , 9, 127	2.7	18
57	Extension of TOPSIS Method and its Application in Investment. <i>Arabian Journal for Science and Engineering</i> , 2018 , 43, 693-705	2.5	18
56	A Reliability-Based Method to Sensor Data Fusion. <i>Sensors</i> , 2017 , 17,	3.8	17
55	Failure Mode and Effects Analysis based on Z-numbers. <i>Intelligent Automation and Soft Computing</i> , 2018 , 24, 165-172	2.6	16
54	Evidence conflict measure based on OWA operator in open world. <i>PLoS ONE</i> , 2017 , 12, e0177828	3.7	16

53	A new belief divergence measure for Dempster-Shafer theory based on belief and plausibility function and its application in multi-source data fusion. <i>Engineering Applications of Artificial Intelligence</i> , 2021 , 97, 104030	7.2	16
52	A New Engine Fault Diagnosis Method Based on Multi-Sensor Data Fusion. <i>Applied Sciences (Switzerland)</i> , 2017 , 7, 280	2.6	15
51	Sensing Attribute Weights: A Novel Basic Belief Assignment Method. <i>Sensors</i> , 2017 , 17,	3.8	15
50	A new belief Markov chain model and its application in inventory prediction. <i>International Journal of Production Research</i> , 2018 , 56, 2800-2817	7.8	14
49	A quantum framework for modelling subjectivity in multi-attribute group decision making. <i>Computers and Industrial Engineering</i> , 2018 , 124, 560-572	6.4	14
48	A Time-Space Domain Information Fusion Method for Specific Emitter Identification Based on Dempster-Shafer Evidence Theory. <i>Sensors</i> , 2017 , 17,	3.8	14
47	A Method to Identify the Incomplete Framework of Discernment in Evidence Theory. <i>Mathematical Problems in Engineering</i> , 2017 , 2017, 1-15	1.1	14
46	Node similarity measuring in complex networks with relative entropy. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2019 , 78, 104867	3.7	13
45	Fault diagnosis method based on time domain weighted data aggregation and information fusion. <i>International Journal of Distributed Sensor Networks</i> , 2019 , 15, 155014771987562	1.7	11
44	A new information dimension of complex network based on Rényi entropy. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2019 , 516, 529-542	3.3	11
43	Improved evidential fuzzy c-means method. <i>Journal of Systems Engineering and Electronics</i> , 2018 , 29, 187-195	1.3	11
42	Engine fault diagnosis based on sensor data fusion using evidence theory. <i>Advances in Mechanical Engineering</i> , 2016 , 8, 168781401667329	1.2	10
41	Prototype Calibration with Feature Generation for Few-Shot Remote Sensing Image Scene Classification. <i>Remote Sensing</i> , 2021 , 13, 2728	5	10
40	Fault diagnosis based on TOPSIS method with Manhattan distance. <i>Advances in Mechanical Engineering</i> , 2019 , 11, 168781401983327	1.2	9
39	Optimising thermal sensor placement and thermal maps reconstruction for microprocessors using simulated annealing algorithm based on PCA. <i>IET Circuits, Devices and Systems</i> , 2016 , 10, 463-472	1.1	8
38	Evidential Supplier Selection Based on Interval Data Fusion. <i>International Journal of Fuzzy Systems</i> , 2018 , 20, 1159-1171	3.6	7
37	Data-driven multi-attribute decision-making by combining probability distributions based on compatibility and entropy. <i>Applied Intelligence</i> , 2020 , 50, 4081-4093	4.9	7
36	Optimal data fusion based on information quality function. <i>Applied Intelligence</i> , 2019 , 49, 3938-3946	4.9	6

35	Multi-Attribute Decision Making Method Based on Aggregated Neutrosophic Set. <i>Symmetry</i> , 2019 , 11, 267	2.7	6
34	Fault Diagnosis Based on Non-Negative Sparse Constrained Deep Neural Networks and Dempster-Shafer Theory. <i>IEEE Access</i> , 2020 , 8, 18182-18195	3.5	6
33	A Multi-criteria Decision-making Model for Evaluating Suppliers in Green SCM. <i>International Journal of Computers, Communications and Control</i> , 2018 , 13, 337-352	3.6	6
32	Cross-Scene Hyperspectral Image Classification Based on Deep Conditional Distribution Adaptation Networks 2019 ,		6
31	A new method for fault detection of aero-engine based on isolation forest. <i>Measurement: Journal of the International Measurement Confederation</i> , 2021 , 185, 110064	4.6	6
30	An attack-defense game based reliability analysis approach for wireless sensor networks. <i>International Journal of Distributed Sensor Networks</i> , 2019 , 15, 155014771984129	1.7	5
29	Exploring the combination rules of D numbers from a perspective of conflict redistribution 2017 ,		5
28	IDLN: Iterative Distribution Learning Network for Few-Shot Remote Sensing Image Scene Classification. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2021 , 1-5	4.1	5
27	Quantum Mechanical Approach to Modeling Reliability of Sensor Reports 2017 , 1, 1-4		4
26	A New Multi-Sensor Fusion Target Recognition Method Based on Complementarity Analysis and Neutrosophic Set. <i>Symmetry</i> , 2020 , 12, 1435	2.7	4
25	A Neutrosophic Set Based Fault Diagnosis Method Based on Multi-Stage Fault Template Data. <i>Symmetry</i> , 2018 , 10, 346	2.7	4
24	Determining BPA under uncertainty environments and its application in data fusion. <i>Journal of Electronics</i> , 2009 , 26, 13-17		3
23	Semi-Supervised Remote Sensing Image Scene Classification Using Representation Consistency Siamese Network. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022 , 1-1	8.1	3
22	A Neutrosophic Approach Based on TOPSIS Method to Image Segmentation. <i>International Journal of Computers, Communications and Control</i> , 2018 , 13, 1047-1061	3.6	3
21	Failure mode and effect analysis using multi-linguistic terms and Dempster-Shafer evidence theory. <i>Quality and Reliability Engineering International</i> , 2021 , 37, 920-934	2.6	3
20	A new method to air target threat evaluation based on Dempster-Shafer evidence theory 2018 ,		2
19	Single-Valued Neutrosophic Set Correlation Coefficient and Its Application in Fault Diagnosis. <i>Symmetry</i> , 2020 , 12, 1371	2.7	2
18	An ECR-PCR rule for fusion of evidences defined on a non-exclusive framework of discernment. <i>Chinese Journal of Aeronautics</i> , 2021 ,	3.7	2

17	An Information Source Selection Model Based on Evolutionary Game Theory. <i>Applied Mathematics and Computation</i> , 2020 , 385, 125362	2.7	1
16	A Novel Method of Evidential Network Reasoning Based on the Logical Reasoning Rules and Conflict Measure. <i>IEEE Access</i> , 2020 , 8, 78015-78028	3.5	1
15	A multi-source information fusion method for ship target recognition based on Bayesian inference and evidence theory. <i>Journal of Intelligent and Fuzzy Systems</i> , 2022 , 42, 2331-2346	1.6	1
14	A Novel Method of Network Security Situation Assessment Based on Evidential Network. <i>Lecture Notes in Computer Science</i> , 2020 , 530-539	0.9	1
13	An information fusion method based on deep learning and fuzzy discount-weighting for target intention recognition. <i>Engineering Applications of Artificial Intelligence</i> , 2022 , 109, 104610	7.2	1
12	Fuzzy entity alignment via knowledge embedding with awareness of uncertainty measure. <i>Neurocomputing</i> , 2022 , 468, 97-110	5.4	1
11	An improved evidential DEMATEL identify critical success factors under uncertain environment. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2020 , 11, 3659-3669	3.7	1
10	A New Method for Ranking Discrete Z-number 2020 ,		1
9	FMECA of Unmanned Aerial Vehicle Power System Based on the Intuitionistic Fuzzy Set 2019 ,		1
8	An improvement to generalized regret based decision making method considering unreasonable alternatives. <i>International Journal of Intelligent Systems</i> , 2018 , 33, 2295-2313	8.4	1
7	Air Combat Target Threat Assessment Method on Belief Function Theory. <i>Lecture Notes in Electrical Engineering</i> , 2019 , 2237-2248	0.2	0
6	Multiple Attribute Decision Making Based on Neutrosophic Preference Relation. <i>Cognitive Computation</i> , 2021 , 13, 1061-1069	4.4	0
5	A New Method to Measure the Information Quality Based on Shannon Entropy. <i>Arabian Journal for Science and Engineering</i> , 2021 , 46, 3691-3700	2.5	0
4	Similarity measures for type-2 fuzzy sets and application in MCDM. <i>Neural Computing and Applications</i> , 2021 , 33, 9481-9502	4.8	0
3	Rigid sensor allocation and placement technique for reducing the number of sensors in thermal monitoring. <i>Journal of Shanghai Jiaotong University (Science)</i> , 2017 , 22, 481-492	0.6	
2	A New Multi-source Information Fusion Method Based on Belief Divergence Measure and the Negation of Basic Probability Assignment. <i>Lecture Notes in Computer Science</i> , 2021 , 237-246	0.9	
1	A Generalization of Jeffrey's Rule in the Interval-Valued Dempster-Shafer Framework. <i>Lecture Notes in Electrical Engineering</i> , 2019 , 2053-2063	0.2	