Wen Jiang

List of Publications by Year in Descending Order

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	Semi-Supervised Remote Sensing Image Scene Classification Using Representation Consistency Siamese Network. *IEEE Transactions on Geoscience and Remote Sensing*, **2022**, 1-1	8.1	3
105	A multi-source information fusion method for ship target recognition based on Bayesian inference and evidence theory. *Journal of Intelligent and Fuzzy Systems*, **2022**, 42, 2331-2346	1.6	1
104	An information fusion method based on deep learning and fuzzy discount-weighting for target intention recognition. *Engineering Applications of Artificial Intelligence*, **2022**, 109, 104610	7.2	1
103	Fuzzy entity alignment via knowledge embedding with awareness of uncertainty measure. *Neurocomputing*, **2022**, 468, 97-110	5.4	1
102	A New Multi-source Information Fusion Method Based on Belief Divergence Measure and the Negation of Basic Probability Assignment. *Lecture Notes in Computer Science*, **2021**, 237-246	0.9	
101	Multiple Attribute Decision Making Based on Neutrosophic Preference Relation. *Cognitive Computation*, **2021**, 13, 1061-1069	4.4	0
100	Prototype Calibration with Feature Generation for Few-Shot Remote Sensing Image Scene Classification. *Remote Sensing*, **2021**, 13, 2728	5	10
99	An ECR-PCR rule for fusion of evidences defined on a non-exclusive framework of discernment. *Chinese Journal of Aeronautics*, **2021**,	3.7	2
98	Multi-Scale Metric Learning for Few-Shot Learning. *IEEE Transactions on Circuits and Systems for Video Technology*, **2021**, 31, 1091-1102	6.4	49
97	A new belief divergence measure for Dempster–Shafer theory based on belief and plausibility function and its application in multi-source data fusion. *Engineering Applications of Artificial Intelligence*, **2021**, 97, 104030	7.2	16
96	Failure mode and effect analysis using multi-linguistic terms and Dempster–Shafer evidence theory. *Quality and Reliability Engineering International*, **2021**, 37, 920-934	2.6	3
95	IDLN: Iterative Distribution Learning Network for Few-Shot Remote Sensing Image Scene Classification. *IEEE Geoscience and Remote Sensing Letters*, **2021**, 1-5	4.1	5
94	A New Method to Measure the Information Quality Based on Shannon Entropy. *Arabian Journal for Science and Engineering*, **2021**, 46, 3691-3700	2.5	0
93	A new method for fault detection of aero-engine based on isolation forest. *Measurement: Journal of the International Measurement Confederation*, **2021**, 185, 110064	4.6	6
92	Similarity measures for type-2 fuzzy sets and application in MCDM. *Neural Computing and Applications*, **2021**, 33, 9481-9502	4.8	0
91	An Information Source Selection Model Based on Evolutionary Game Theory. *Applied Mathematics and Computation*, **2020**, 385, 125362	2.7	1
90	Transfer Learning for SAR Image Classification Via Deep Joint Distribution Adaptation Networks. *IEEE Transactions on Geoscience and Remote Sensing*, **2020**, 58, 5377-5392	8.1	30

89	Fault Diagnosis Based on Non-Negative Sparse Constrained Deep Neural Networks and Dempster–Shafer Theory. *IEEE Access*, **2020**, 8, 18182-18195	3.5	6
88	A Novel Method of Evidential Network Reasoning Based on the Logical Reasoning Rules and Conflict Measure. *IEEE Access*, **2020**, 8, 78015-78028	3.5	1
87	A Novel Method of Network Security Situation Assessment Based on Evidential Network. *Lecture Notes in Computer Science*, **2020**, 530-539	0.9	1
86	An improved evidential DEMATEL identify critical success factors under uncertain environment. *Journal of Ambient Intelligence and Humanized Computing*, **2020**, 11, 3659-3669	3.7	1
85	On the negation of a Dempster–Shafer belief structure based on maximum uncertainty allocation. *Information Sciences*, **2020**, 516, 346-352	7.7	51
84	A New Multi-Sensor Fusion Target Recognition Method Based on Complementarity Analysis and Neutrosophic Set. *Symmetry*, **2020**, 12, 1435	2.7	4
83	Data-driven multi-attribute decision-making by combining probability distributions based on compatibility and entropy. *Applied Intelligence*, **2020**, 50, 4081-4093	4.9	7
82	Multi-scale deep feature learning network with bilateral filtering for SAR image classification. *ISPRS Journal of Photogrammetry and Remote Sensing*, **2020**, 167, 201-213	11.8	24
81	A New Method for Ranking Discrete Z-number **2020**,		1
80	Single-Valued Neutrosophic Set Correlation Coefficient and Its Application in Fault Diagnosis. *Symmetry*, **2020**, 12, 1371	2.7	2
79	A new distance measure of interval-valued intuitionistic fuzzy sets and its application in decision making. *Soft Computing*, **2020**, 24, 6987-7003	3.5	32
78	. *IEEE Transactions on Fuzzy Systems*, **2020**, 28, 1585-1599	8.3	109
77	Identifying influential nodes based on fuzzy local dimension in complex networks. *Chaos, Solitons and Fractals*, **2019**, 119, 332-342	9.3	26
76	D number theory based game-theoretic framework in adversarial decision making under a fuzzy environment. *International Journal of Approximate Reasoning*, **2019**, 106, 194-213	3.6	82
75	A new probability transformation method based on a correlation coefficient of belief functions. *International Journal of Intelligent Systems*, **2019**, 34, 1337-1347	8.4	67
74	Node similarity measuring in complex networks with relative entropy. *Communications in Nonlinear Science and Numerical Simulation*, **2019**, 78, 104867	3.7	13
73	Optimal data fusion based on information quality function. *Applied Intelligence*, **2019**, 49, 3938-3946	4.9	6
72	A New Failure Mode and Effects Analysis Method Based on Dempster–Shafer Theory by Integrating Evidential Network. *IEEE Access*, **2019**, 7, 79579-79591	3.5	18

71	Measuring the complexity of complex network by Tsallis entropy. *Physica A: Statistical Mechanics and Its Applications*, **2019**, 526, 121054	3.3	18
70	Evaluating Green Supply Chain Management Practices Under Fuzzy Environment: A Novel Method Based on D Number Theory. *International Journal of Fuzzy Systems*, **2019**, 21, 1389-1402	3.6	83
69	An attack-defense game based reliability analysis approach for wireless sensor networks. *International Journal of Distributed Sensor Networks*, **2019**, 15, 155014771984129	1.7	5
68	Multi-Attribute Decision Making Method Based on Aggregated Neutrosophic Set. *Symmetry*, **2019**, 11, 267	2.7	6
67	Fault diagnosis based on TOPSIS method with Manhattan distance. *Advances in Mechanical Engineering*, **2019**, 11, 168781401983327	1.2	9
66	Air Combat Target Threat Assessment Method on Belief Function Theory. *Lecture Notes in Electrical Engineering*, **2019**, 2237-2248	0.2	0
65	Fault diagnosis method based on time domain weighted data aggregation and information fusion. *International Journal of Distributed Sensor Networks*, **2019**, 15, 155014771987562	1.7	11
64	A total uncertainty measure for D numbers based on belief intervals. *International Journal of Intelligent Systems*, **2019**, 34, 3302-3316	8.4	66
63	A Generalization of Jeffrey□ Rule in the Interval-Valued Dempster-Shafer Framework. *Lecture Notes in Electrical Engineering*, **2019**, 2053-2063	0.2	
62	FMECA of Unmanned Aerial Vehicle Power System Based on the Intuitionistic Fuzzy Set **2019**,		1
61	Cross-Scene Hyperspectral Image Classification Based on Deep Conditional Distribution Adaptation Networks **2019**,		6
60	Zero-sum polymatrix games with link uncertainty: A Dempster-Shafer theory solution. *Applied Mathematics and Computation*, **2019**, 340, 101-112	2.7	94
59	A new information dimension of complex network based on R□yi entropy. *Physica A: Statistical Mechanics and Its Applications*, **2019**, 516, 529-542	3.3	11
58	Uncertainty measurement with belief entropy on the interference effect in the quantum-like Bayesian Networks. *Applied Mathematics and Computation*, **2019**, 347, 417-428	2.7	50
57	An improved soft likelihood function for Dempster□hafer belief structures. *International Journal of Intelligent Systems*, **2018**, 33, 1264-1282	8.4	58
56	An information dimension of weighted complex networks. *Physica A: Statistical Mechanics and Its Applications*, **2018**, 501, 388-399	3.3	26
55	Evidential Supplier Selection Based on Interval Data Fusion. *International Journal of Fuzzy Systems*, **2018**, 20, 1159-1171	3.6	7
54	A new belief Markov chain model and its application in inventory prediction. *International Journal of Production Research*, **2018**, 56, 2800-2817	7.8	14

53	Dependence assessment in human reliability analysis using an evidential network approach extended by belief rules and uncertainty measures. *Annals of Nuclear Energy*, **2018**, 117, 183-193	1.7	76
52	An evidential dynamical model to predict the interference effect of categorization on decision making results. *Knowledge-Based Systems*, **2018**, 150, 139-149	7.3	80
51	Evaluating Topological Vulnerability Based on Fuzzy Fractal Dimension. *International Journal of Fuzzy Systems*, **2018**, 20, 1956-1967	3.6	18
50	Failure Mode and Effects Analysis based on Z-numbers. *Intelligent Automation and Soft Computing*, **2018**, 24, 165-172	2.6	16
49	A new method to evaluate risk in failure mode and effects analysis under fuzzy information. *Soft Computing*, **2018**, 22, 4779-4787	3.5	22
48	A modified Physarum-inspired model for the user equilibrium traffic assignment problem. *Applied Mathematical Modelling*, **2018**, 55, 340-353	4.5	43
47	A quantum framework for modelling subjectivity in multi-attribute group decision making. *Computers and Industrial Engineering*, **2018**, 124, 560-572	6.4	14
46	A new method to air target threat evaluation based on Dempster-Shafer evidence theory **2018**,		2
45	An evidential Markov decision making model. *Information Sciences*, **2018**, 467, 357-372	7.7	61
44	A Multi-criteria Decision-making Model for Evaluating Suppliers in Green SCM. *International Journal of Computers, Communications and Control*, **2018**, 13, 337-352	3.6	6
43	A Neutrosophic Approach Based on TOPSIS Method to Image Segmentation. *International Journal of Computers, Communications and Control*, **2018**, 13, 1047-1061	3.6	3
42	Intuitionistic fuzzy evidential power aggregation operator and its application in multiple criteria decision-making. *International Journal of Systems Science*, **2018**, 49, 582-594	2.3	38
41	An Evidential Axiomatic Design Approach for Decision Making Using the Evaluation of Belief Structure Satisfaction to Uncertain Target Values. *International Journal of Intelligent Systems*, **2018**, 33, 15-32	8.4	70
40	Intuitionistic Fuzzy Power Aggregation Operator Based on Entropy and Its Application in Decision Making. *International Journal of Intelligent Systems*, **2018**, 33, 49-67	8.4	74
39	A new medical diagnosis method based on Z-numbers. *Applied Intelligence*, **2018**, 48, 854-867	4.9	19
38	Extension of TOPSIS Method and its Application in Investment. *Arabian Journal for Science and Engineering*, **2018**, 43, 693-705	2.5	18
37	Improved evidential fuzzy c-means method. *Journal of Systems Engineering and Electronics*, **2018**, 29, 187-195	1.3	11
36	A correlation coefficient for belief functions. *International Journal of Approximate Reasoning*, **2018**, 103, 94-106	3.6	137

35	A Neutrosophic Set Based Fault Diagnosis Method Based on Multi-Stage Fault Template Data. *Symmetry*, **2018**, 10, 346	2.7	4
34	An improvement to generalized regret based decision making method considering unreasonable alternatives. *International Journal of Intelligent Systems*, **2018**, 33, 2295-2313	8.4	1
33	Ordered visibility graph average aggregation operator: An application in produced water management. *Chaos*, **2017**, 27, 023117	3.3	37
32	Quantum Mechanical Approach to Modeling Reliability of Sensor Reports **2017**, 1, 1-4		4
31	Failure mode and effects analysis based on a novel fuzzy evidential method. *Applied Soft Computing Journal*, **2017**, 57, 672-683	7.5	131
30	An Improved Belief Entropy and Its Application in Decision-Making. *Complexity*, **2017**, 2017, 1-15	1.6	20
29	A Reliability-Based Method to Sensor Data Fusion. *Sensors*, **2017**, 17,	3.8	17
28	Zero-Sum Matrix Game with Payoffs of Dempster-Shafer Belief Structures and Its Applications on Sensors. *Sensors*, **2017**, 17,	3.8	33
27	A New Engine Fault Diagnosis Method Based on Multi-Sensor Data Fusion. *Applied Sciences (Switzerland)*, **2017**, 7, 280	2.6	15
26	Rigid sensor allocation and placement technique for reducing the number of sensors in thermal monitoring. *Journal of Shanghai Jiaotong University (Science)*, **2017**, 22, 481-492	0.6	
25	Exploring the combination rules of D numbers from a perspective of conflict redistribution **2017**,		5
24	A modified combination rule in generalized evidence theory. *Applied Intelligence*, **2017**, 46, 630-640	4.9	81
23	A New Interval Numbers Power Average Operator in Multiple Attribute Decision Making. *International Journal of Intelligent Systems*, **2017**, 32, 631-644	8.4	22
22	Ranking Z-numbers with an improved ranking method for generalized fuzzy numbers. *Journal of Intelligent and Fuzzy Systems*, **2017**, 32, 1931-1943	1.6	60
21	Fuzzy Risk Evaluation in Failure Mode and Effects Analysis Using a D Numbers Based Multi-Sensor Information Fusion Method. *Sensors*, **2017**, 17,	3.8	32
20	Sensing Attribute Weights: A Novel Basic Belief Assignment Method. *Sensors*, **2017**, 17,	3.8	15
19	A Time-Space Domain Information Fusion Method for Specific Emitter Identification Based on Dempster-Shafer Evidence Theory. *Sensors*, **2017**, 17,	3.8	14
18	A Novel Single-Valued Neutrosophic Set Similarity Measure and Its Application in Multicriteria Decision-Making. *Symmetry*, **2017**, 9, 127	2.7	18

17	Risk Evaluation in Failure Mode and Effects Analysis Using Fuzzy Measure and Fuzzy Integral. *Symmetry*, **2017**, 9, 162	2.7	26
16	A Method to Identify the Incomplete Framework of Discernment in Evidence Theory. *Mathematical Problems in Engineering*, **2017**, 2017, 1-15	1.1	14
15	A modified belief entropy in Dempster-Shafer framework. *PLoS ONE*, **2017**, 12, e0176832	3.7	24
14	Evidence conflict measure based on OWA operator in open world. *PLoS ONE*, **2017**, 12, e0177828	3.7	16
13	An Uncertainty Measure for Interval-valued Evidences. *International Journal of Computers, Communications and Control*, **2017**, 12, 631	3.6	47
12	A visibility graph power averaging aggregation operator: A methodology based on network analysis. *Computers and Industrial Engineering*, **2016**, 101, 260-268	6.4	65
11	Optimising thermal sensor placement and thermal maps reconstruction for microprocessors using simulated annealing algorithm based on PCA. *IET Circuits, Devices and Systems*, **2016**, 10, 463-472	1.1	8
10	Engine fault diagnosis based on sensor data fusion using evidence theory. *Advances in Mechanical Engineering*, **2016**, 8, 168781401667329	1.2	10
9	A New Fuzzy-Evidential Controller for Stabilization of the Planar Inverted Pendulum System. *PLoS ONE*, **2016**, 11, e0160416	3.7	25
8	A Method to Determine Generalized Basic Probability Assignment in the Open World. *Mathematical Problems in Engineering*, **2016**, 2016, 1-11	1.1	38
7	Sensor Data Fusion Based on a New Conflict Measure. *Mathematical Problems in Engineering*, **2016**, 2016, 1-11	1.1	29
6	Sensor Data Fusion with Z-Numbers and Its Application in Fault Diagnosis. *Sensors*, **2016**, 16,	3.8	103
5	Conflicting evidence combination based on uncertainty measure and distance of evidence. *SpringerPlus*, **2016**, 5, 1217		22
4	An evidential sensor fusion method in fault diagnosis. *Advances in Mechanical Engineering*, **2016**, 8, 168781401664182	1.2	79
3	A modified method for risk evaluation in failure modes and effects analysis of aircraft turbine rotor blades. *Advances in Mechanical Engineering*, **2016**, 8, 168781401664457	1.2	52
2	An improved method to rank generalized fuzzy numbers with different left heights and right heights. *Journal of Intelligent and Fuzzy Systems*, **2015**, 28, 2343-2355	1.6	66
1	Determinging BPA under uncertainty environments and its application in data fusion. *Journal of Electronics*, **2009**, 26, 13-17		3