

## List of Publications by Year in descending order

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82  
papers

3,565  
citations

159358

30  
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138251

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g-index

82  
all docs

82  
docs citations

82  
times ranked

1395  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-sensor data fusion based on the belief divergence measure of evidences and the belief entropy. Information Fusion, 2019, 46, 23-32.	11.7	447
2	Divergence measure of Pythagorean fuzzy sets and its application in medical diagnosis. Applied Soft Computing Journal, 2019, 79, 254-267.	4.1	206
3	A new divergence measure for belief functions in Dê€S evidence theory for multisensor data fusion. Information Sciences, 2020, 514, 462-483.	4.0	185
4	A Distance Measure for Intuitionistic Fuzzy Sets and Its Application to Pattern Classification Problems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 3980-3992.	5.9	159
5	A novel multi-criteria decision making method for assessing health-care waste treatment technologies based on D numbers. Engineering Applications of Artificial Intelligence, 2018, 71, 216-225.	4.3	158
6	Generalization of Dempsterê€Shafer theory: A complex mass function. Applied Intelligence, 2020, 50, 3266-3275.	3.3	125
7	A Novel Conflict Measurement in Decision-Making and Its Application in Fault Diagnosis. IEEE Transactions on Fuzzy Systems, 2021, 29, 186-197.	6.5	110
8	EFMCDM: Evidential fuzzy multicriteria decision making based on belief entropy. IEEE Transactions on Fuzzy Systems, 2019, , 1-1.	6.5	106
9	A Hybrid Fuzzy Soft Sets Decision Making Method in Medical Diagnosis. IEEE Access, 2018, 6, 25300-25312.	2.6	103
10	CEQD: A Complex Mass Function to Predict Interference Effects. IEEE Transactions on Cybernetics, 2022, 52, 7402-7414.	6.2	102
11	A Multiple-Criteria Decision-Making Method Based on D Numbers and Belief Entropy. International Journal of Fuzzy Systems, 2019, 21, 1144-1153.	2.3	94
12	A novel method to use fuzzy soft sets in decision making based on ambiguity measure and Dempsterê€Shafer theory of evidence: An application in medical diagnosis. Artificial Intelligence in Medicine, 2016, 69, 1-11.	3.8	90
13	An Improved Method for Combining Conflicting Evidences Based on the Similarity Measure and Belief Function Entropy. International Journal of Fuzzy Systems, 2018, 20, 1256-1266.	2.3	75
14	CED: A Distance for Complex Mass Functions. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 1525-1535.	7.2	75
15	Information Quality for Intuitionistic Fuzzy Values with Its Application in Decision Making. Engineering Applications of Artificial Intelligence, 2022, 109, 104568.	4.3	75
16	Generalized belief function in complex evidence theory. Journal of Intelligent and Fuzzy Systems, 2020, 38, 3665-3673.	0.8	72
17	Evidence combination based on prospect theory for multi-sensor data fusion. ISA Transactions, 2020, 106, 253-261.	3.1	71
18	CaFtR: A Fuzzy Complex Event Processing Method. International Journal of Fuzzy Systems, 2022, 24, 1098-1111.	2.3	71

#	ARTICLE	IF	CITATIONS
19	A Novel Evidence Theory and Fuzzy Preference Approach-Based Multi-Sensor Data Fusion Technique for Fault Diagnosis. <i>Sensors</i> , 2017, 17, 2504.	2.1	70
20	A Weighted Combination Method for Conflicting Evidence in Multi-Sensor Data Fusion. <i>Sensors</i> , 2018, 18, 1487.	2.1	64
21	An improved gravity model to identify influential nodes in complex networks based on k-shell method. <i>Knowledge-Based Systems</i> , 2021, 227, 107198.	4.0	64
22	GIQ: A Generalized Intelligent Quality-Based Approach for Fusing Multisource Information. <i>IEEE Transactions on Fuzzy Systems</i> , 2021, 29, 2018-2031.	6.5	61
23	On the Maximum Entropy Negation of a Complex-Valued Distribution. <i>IEEE Transactions on Fuzzy Systems</i> , 2021, 29, 3259-3269.	6.5	58
24	Combining time-series evidence: A complex network model based on a visibility graph and belief entropy. <i>Applied Intelligence</i> , 2022, 52, 10706-10715.	3.3	50
25	Workflow scheduling in distributed systems under fuzzy environment. <i>Journal of Intelligent and Fuzzy Systems</i> , 2019, 37, 5323-5333.	0.8	46
26	A distance for belief functions of orderable set. <i>Pattern Recognition Letters</i> , 2021, 145, 165-170.	2.6	46
27	A Fuzzy Interval Time-Series Energy and Financial Forecasting Model Using Network-Based Multiple Time-Frequency Spaces and the Induced-Ordered Weighted Averaging Aggregation Operation. <i>IEEE Transactions on Fuzzy Systems</i> , 2020, 28, 2677-2690.	6.5	39
28	A fuzzy preference-based Dempster-Shafer evidence theory for decision fusion. <i>Information Sciences</i> , 2021, 570, 306-322.	4.0	39
29	A belief Hellinger distance for Dâ€™S evidence theory and its application in pattern recognition. <i>Engineering Applications of Artificial Intelligence</i> , 2021, 106, 104452.	4.3	39
30	Interval-valued intuitionistic fuzzy jenson-shannon divergence and its application in multi-attribute decision making. <i>Applied Intelligence</i> , 2022, 52, 16168-16184.	3.3	36
31	The identification of crucial spreaders in complex networks by effective gravity model. <i>Information Sciences</i> , 2021, 578, 725-749.	4.0	34
32	Time Series Forecasting Based on Complex Network Analysis. <i>IEEE Access</i> , 2019, 7, 40220-40229.	2.6	32
33	An Improved Method to Transform Triangular Fuzzy Number Into Basic Belief Assignment in Evidence Theory. <i>IEEE Access</i> , 2019, 7, 25308-25322.	2.6	31
34	An Improved Multisensor Data Fusion Method and Its Application in Fault Diagnosis. <i>IEEE Access</i> , 2019, 7, 3928-3937.	2.6	30
35	New parallel processing strategies in complex event processing systems with data streams. <i>International Journal of Distributed Sensor Networks</i> , 2017, 13, 155014771772862.	1.3	29
36	An Improved Multi-Source Data Fusion Method Based on the Belief Entropy and Divergence Measure. <i>Entropy</i> , 2019, 21, 611.	1.1	28

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37	A Non-Parametric Method to Determine Basic Probability Assignment Based on Kernel Density Estimation. IEEE Access, 2018, 6, 73509-73519.	2.6	27
38	An Intelligent Complex Event Processing with $\langle \text{mml:math} \text{xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"} \text{id}=\text{"M1"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{D} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ Numbers under Fuzzy Environment. Mathematical Problems in Engineering, 2016, 2016, 1-10.	0.6	20
39	A New Distance for Intuitionistic Fuzzy Sets Based on Similarity Matrix. IEEE Access, 2019, 7, 70436-70446.	2.6	20
40	Negation of Belief Function Based on the Total Uncertainty Measure. Entropy, 2019, 21, 73.	1.1	20
41	A method for combining conflicting evidences with improved distance function and Tsallis entropy. International Journal of Intelligent Systems, 2020, 35, 1814-1830.	3.3	20
42	Efficient processing of multiple nested event pattern queries over multi-dimensional event streams based on a triaxial hierarchical model. Artificial Intelligence in Medicine, 2016, 72, 56-71.	3.8	18
43	A generalized $\chi^2$ divergence for multisource information fusion and its application in fault diagnosis. International Journal of Intelligent Systems, 2022, 37, 5-29.	3.3	18
44	An Intuitionistic Evidential Method for Weight Determination in FMEA Based on Belief Entropy. Entropy, 2019, 21, 211.	1.1	17
45	A Majority Rule-Based Measure for Atanassov-Type Intuitionistic Membership Grades in MCDM. IEEE Transactions on Fuzzy Systems, 2022, 30, 121-132.	6.5	16
46	Conflict Management of Evidence Theory Based on Belief Entropy and Negation. IEEE Access, 2020, 8, 37766-37774.	2.6	15
47	An Evidential Aggregation Method of Intuitionistic Fuzzy Sets Based on Belief Entropy. IEEE Access, 2019, 7, 68905-68916.	2.6	14
48	Time Series Data Fusion Based on Evidence Theory and OWA Operator. Sensors, 2019, 19, 1171.	2.1	14
49	A GMCDM approach with linguistic Z-numbers based on TOPSIS and Choquet integral considering risk preference. Journal of Intelligent and Fuzzy Systems, 2020, 39, 4285-4298.	0.8	14
50	A New Distance Measure of Belief Function in Evidence Theory. IEEE Access, 2019, 7, 68607-68617.	2.6	13
51	FR $\hat{e}$ KDE: A Hybrid Fuzzy Rule-Based Information Fusion Method with its Application in Biomedical Classification. International Journal of Fuzzy Systems, 2021, 23, 392-404.	2.3	13
52	A novel method for forecasting Construction Cost Index based on complex network. Physica A: Statistical Mechanics and Its Applications, 2019, 527, 121306.	1.2	12
53	A generalized belief interval-valued soft set with applications in decision making. Soft Computing, 2020, 24, 9339-9350.	2.1	12
54	A Generalized Golden Rule Representative Value for Multiple-Criteria Decision Analysis. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 3193-3204.	5.9	12

#	ARTICLE	IF	CITATIONS
55	A new matrix game with payoffs of generalized Dempster-Shafer structures. <i>International Journal of Intelligent Systems</i> , 2019, 34, 2253-2268.	3.3	10
56	Aggregation of uncertainty data based on ordered weighting aggregation and generalized information quality. <i>International Journal of Intelligent Systems</i> , 2019, 34, 1653-1666.	3.3	10
57	Bayesian Update with Information Quality under the Framework of Evidence Theory. <i>Entropy</i> , 2019, 21, 5.	1.1	10
58	TDIFS: Two dimensional intuitionistic fuzzy sets. <i>Engineering Applications of Artificial Intelligence</i> , 2020, 95, 103882.	4.3	10
59	A fast evidential approach for stock forecasting. <i>International Journal of Intelligent Systems</i> , 2021, 36, 7544-7562.	3.3	10
60	A New Conflict Management in Evidence Theory Based on DEMATEL Method. <i>Journal of Sensors</i> , 2019, 2019, 1-12.	0.6	9
61	Conflicting management of evidence combination from the point of improvement of basic probability assignment. <i>International Journal of Intelligent Systems</i> , 2021, 36, 1914-1942.	3.3	9
62	Economical and Fault-Tolerant Load Balancing in Distributed Stream Processing Systems. <i>IEICE Transactions on Information and Systems</i> , 2012, E95.D, 1062-1073.	0.4	7
63	Complex Pignistic Transformation-Based Evidential Distance for Multisource Information Fusion of Medical Diagnosis in the IoT. <i>Sensors</i> , 2021, 21, 840.	2.1	7
64	Renyi extropy. <i>Communications in Statistics - Theory and Methods</i> , 2023, 52, 5836-5847.	0.6	7
65	An Adaptive Parallel Processing Strategy for Complex Event Processing Systems over Data Streams in Wireless Sensor Networks. <i>Sensors</i> , 2018, 18, 3732.	2.1	6
66	Combine Conflicting Evidence Based on the Belief Entropy and IOWA Operator. <i>IEEE Access</i> , 2019, 7, 120724-120733.	2.6	6
67	An improved method to determine basic probability assignment with interval number and its application in classification. <i>International Journal of Distributed Sensor Networks</i> , 2019, 15, 155014771882052.	1.3	6
68	A Data-Driven Dynamic Data Fusion Method Based on Visibility Graph and Evidence Theory. <i>IEEE Access</i> , 2019, 7, 104443-104452.	2.6	5
69	An improved approach to generate generalized basic probability assignment based on fuzzy sets in the open world and its application in multi-source information fusion. <i>Applied Intelligence</i> , 2021, 51, 3718.	3.3	5
70	A novel dynamic weight allocation method for multisource information fusion. <i>International Journal of Intelligent Systems</i> , 2021, 36, 736-756.	3.3	5
71	Negation of Basic Probability Assignment: Trends of Dissimilarity and Dispersion. <i>IEEE Access</i> , 2019, 7, 111315-111323.	2.6	4
72	A new base function in basic probability assignment for conflict management. <i>Applied Intelligence</i> , 2022, 52, 4473-4487.	3.3	4

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73	A novel complex evidential distance with its application in pattern recognition. Engineering Applications of Artificial Intelligence, 2021, 104, 104312.	4.3	4
74	TDCMF: Two-dimensional complex mass function with its application in decision-making. Engineering Applications of Artificial Intelligence, 2021, 105, 104409.	4.3	4
75	A Novel Sensor Dynamic Reliability Evaluation Method and its Application in Multi-Sensor Information Fusion. IEEE Access, 2019, 7, 146144-146157.	2.6	3
76	On the maximum extropy negation of a probability distribution. Communications in Statistics Part B: Simulation and Computation, 2024, 53, 234-246.	0.6	3
77	An intuitionistic linguistic MCDM model based on probabilistic exceedance method and evidence theory. Applied Intelligence, 2020, 50, 1979-1995.	3.3	2
78	Information volume of mass function based on extropy. Soft Computing, 0, , 1.	2.1	2
79	Complex Entropy and Its Application in Decision-Making for Medical Diagnosis. Journal of Healthcare Engineering, 2021, 2021, 1-10.	1.1	1
80	Complex belief interval-based distance measure with its application in pattern recognition. International Journal of Intelligent Systems, 2022, 37, 6811-6832.	3.3	1
81	A Novel Complex Pignistic Belief Transform for Conflict Measure in Complex Evidence Theory. Communications in Computer and Information Science, 2021, , 183-191.	0.4	0
82	A Hybrid Distributed Frequent Itemset Mining Method with Its Application in Medical Diagnosis. Lecture Notes in Computer Science, 2020, , 394-403.	1.0	0