

## List of Publications by Year in descending order

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82  
papers

3,565  
citations

159585

30  
h-index

138484

58  
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.  | 19.1 | 447       |
| 2  | Divergence measure of Pythagorean fuzzy sets and its application in medical diagnosis. Applied Soft Computing Journal, 2019, 79, 254-267.  | 7.2  | 206       |
| 3  | A new divergence measure for belief functions in Dê€S evidence theory for multisensor data fusion. Information Sciences, 2020, 514, 462-483.   | 6.9  | 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.                             | 9.3  | 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.                       | 8.1  | 158       |
| 6  | Generalization of Dempsterê€Shafer theory: A complex mass function. Applied Intelligence, 2020, 50, 3266-3275.   | 5.3  | 125       |
| 7  | A Novel Conflict Measurement in Decision-Making and Its Application in Fault Diagnosis. IEEE Transactions on Fuzzy Systems, 2021, 29, 186-197.   | 9.8  | 110       |
| 8  | EFMCDM: Evidential fuzzy multicriteria decision making based on belief entropy. IEEE Transactions on Fuzzy Systems, 2019, , 1-1.   | 9.8  | 106       |
| 9  | A Hybrid Fuzzy Soft Sets Decision Making Method in Medical Diagnosis. IEEE Access, 2018, 6, 25300-25312.   | 4.2  | 103       |
| 10 | CEQD: A Complex Mass Function to Predict Interference Effects. IEEE Transactions on Cybernetics, 2022, 52, 7402-7414.  | 9.5  | 102       |
| 11 | A Multiple-Criteria Decision-Making Method Based on D Numbers and Belief Entropy. International Journal of Fuzzy Systems, 2019, 21, 1144-1153.   | 4.0  | 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. | 6.5  | 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.                                       | 4.0  | 75        |
| 14 | CED: A Distance for Complex Mass Functions. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 1525-1535.  | 11.3 | 75        |
| 15 | Information Quality for Intuitionistic Fuzzy Values with Its Application in Decision Making. Engineering Applications of Artificial Intelligence, 2022, 109, 104568.   | 8.1  | 75        |
| 16 | Generalized belief function in complex evidence theory. Journal of Intelligent and Fuzzy Systems, 2020, 38, 3665-3673.   | 1.4  | 72        |
| 17 | Evidence combination based on prospect theory for multi-sensor data fusion. ISA Transactions, 2020, 106, 253-261.  | 5.7  | 71        |
| 18 | CaFtR: A Fuzzy Complex Event Processing Method. International Journal of Fuzzy Systems, 2022, 24, 1098-1111.   | 4.0  | 71        |

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|----|---|-----|-----------|
| 19 | A Novel Evidence Theory and Fuzzy Preference Approach-Based Multi-Sensor Data Fusion Technique for Fault Diagnosis. <i>Sensors</i> , 2017, 17, 2504.  | 3.8 | 70        |
| 20 | A Weighted Combination Method for Conflicting Evidence in Multi-Sensor Data Fusion. <i>Sensors</i> , 2018, 18, 1487.  | 3.8 | 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.  | 7.1 | 64        |
| 22 | GIQ: A Generalized Intelligent Quality-Based Approach for Fusing Multisource Information. <i>IEEE Transactions on Fuzzy Systems</i> , 2021, 29, 2018-2031.  | 9.8 | 61        |
| 23 | On the Maximum Entropy Negation of a Complex-Valued Distribution. <i>IEEE Transactions on Fuzzy Systems</i> , 2021, 29, 3259-3269.  | 9.8 | 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.  | 5.3 | 50        |
| 25 | Workflow scheduling in distributed systems under fuzzy environment. <i>Journal of Intelligent and Fuzzy Systems</i> , 2019, 37, 5323-5333.  | 1.4 | 46        |
| 26 | A distance for belief functions of orderable set. <i>Pattern Recognition Letters</i> , 2021, 145, 165-170.  | 4.2 | 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. | 9.8 | 39        |
| 28 | A fuzzy preference-based Dempster-Shafer evidence theory for decision fusion. <i>Information Sciences</i> , 2021, 570, 306-322.   | 6.9 | 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.   | 8.1 | 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.   | 5.3 | 36        |
| 31 | The identification of crucial spreaders in complex networks by effective gravity model. <i>Information Sciences</i> , 2021, 578, 725-749.   | 6.9 | 34        |
| 32 | Time Series Forecasting Based on Complex Network Analysis. <i>IEEE Access</i> , 2019, 7, 40220-40229.   | 4.2 | 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.   | 4.2 | 31        |
| 34 | An Improved Multisensor Data Fusion Method and Its Application in Fault Diagnosis. <i>IEEE Access</i> , 2019, 7, 3928-3937.   | 4.2 | 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.  | 2.2 | 29        |
| 36 | An Improved Multi-Source Data Fusion Method Based on the Belief Entropy and Divergence Measure. <i>Entropy</i> , 2019, 21, 611.   | 2.2 | 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.  | 4.2 | 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. | 1.1 | 20        |
| 39 | A New Distance for Intuitionistic Fuzzy Sets Based on Similarity Matrix. IEEE Access, 2019, 7, 70436-70446.   | 4.2 | 20        |
| 40 | Negation of Belief Function Based on the Total Uncertainty Measure. Entropy, 2019, 21, 73.  | 2.2 | 20        |
| 41 | A method for combining conflicting evidences with improved distance function and Tsallis entropy. International Journal of Intelligent Systems, 2020, 35, 1814-1830.  | 5.7 | 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.  | 6.5 | 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.  | 5.7 | 18        |
| 44 | An Intuitionistic Evidential Method for Weight Determination in FMEA Based on Belief Entropy. Entropy, 2019, 21, 211.   | 2.2 | 17        |
| 45 | A Majority Rule-Based Measure for Atanassov-Type Intuitionistic Membership Grades in MCDM. IEEE Transactions on Fuzzy Systems, 2022, 30, 121-132.   | 9.8 | 16        |
| 46 | Conflict Management of Evidence Theory Based on Belief Entropy and Negation. IEEE Access, 2020, 8, 37766-37774.   | 4.2 | 15        |
| 47 | An Evidential Aggregation Method of Intuitionistic Fuzzy Sets Based on Belief Entropy. IEEE Access, 2019, 7, 68905-68916.   | 4.2 | 14        |
| 48 | Time Series Data Fusion Based on Evidence Theory and OWA Operator. Sensors, 2019, 19, 1171.   | 3.8 | 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.   | 1.4 | 14        |
| 50 | A New Distance Measure of Belief Function in Evidence Theory. IEEE Access, 2019, 7, 68607-68617.  | 4.2 | 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.   | 4.0 | 13        |
| 52 | A novel method for forecasting Construction Cost Index based on complex network. Physica A: Statistical Mechanics and Its Applications, 2019, 527, 121306.  | 2.6 | 12        |
| 53 | A generalized belief interval-valued soft set with applications in decision making. Soft Computing, 2020, 24, 9339-9350.  | 3.6 | 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.   | 9.3 | 12        |

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|----|---|-----|-----------|
| 55 | A new matrix game with payoffs of generalized Dempster-Shafer structures. <i>International Journal of Intelligent Systems</i> , 2019, 34, 2253-2268.  | 5.7 | 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.                                | 5.7 | 10        |
| 57 | Bayesian Update with Information Quality under the Framework of Evidence Theory. <i>Entropy</i> , 2019, 21, 5.  | 2.2 | 10        |
| 58 | TDIFS: Two dimensional intuitionistic fuzzy sets. <i>Engineering Applications of Artificial Intelligence</i> , 2020, 95, 103882.  | 8.1 | 10        |
| 59 | A fast evidential approach for stock forecasting. <i>International Journal of Intelligent Systems</i> , 2021, 36, 7544-7562.  | 5.7 | 10        |
| 60 | A New Conflict Management in Evidence Theory Based on DEMATEL Method. <i>Journal of Sensors</i> , 2019, 2019, 1-12.   | 1.1 | 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.                              | 5.7 | 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.   | 0.7 | 7         |
| 63 | Complex Pignistic Transformation-Based Evidential Distance for Multisource Information Fusion of Medical Diagnosis in the IoT. <i>Sensors</i> , 2021, 21, 840.  | 3.8 | 7         |
| 64 | Renyi extropy. <i>Communications in Statistics - Theory and Methods</i> , 2023, 52, 5836-5847.  | 1.0 | 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.   | 3.8 | 6         |
| 66 | Combine Conflicting Evidence Based on the Belief Entropy and IOWA Operator. <i>IEEE Access</i> , 2019, 7, 120724-120733.  | 4.2 | 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.     | 2.2 | 6         |
| 68 | A Data-Driven Dynamic Data Fusion Method Based on Visibility Graph and Evidence Theory. <i>IEEE Access</i> , 2019, 7, 104443-104452.  | 4.2 | 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. | 5.3 | 5         |
| 70 | A novel dynamic weight allocation method for multisource information fusion. <i>International Journal of Intelligent Systems</i> , 2021, 36, 736-756.   | 5.7 | 5         |
| 71 | Negation of Basic Probability Assignment: Trends of Dissimilarity and Dispersion. <i>IEEE Access</i> , 2019, 7, 111315-111323.  | 4.2 | 4         |
| 72 | A new base function in basic probability assignment for conflict management. <i>Applied Intelligence</i> , 2022, 52, 4473-4487.   | 5.3 | 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.         | 8.1 | 4         |
| 74 | TDCMF: Two-dimensional complex mass function with its application in decision-making. Engineering Applications of Artificial Intelligence, 2021, 105, 104409.    | 8.1 | 4         |
| 75 | A Novel Sensor Dynamic Reliability Evaluation Method and its Application in Multi-Sensor Information Fusion. IEEE Access, 2019, 7, 146144-146157.                | 4.2 | 3         |
| 76 | On the maximum extropy negation of a probability distribution. Communications in Statistics Part B: Simulation and Computation, 2024, 53, 234-246.               | 1.2 | 3         |
| 77 | An intuitionistic linguistic MCDM model based on probabilistic exceedance method and evidence theory. Applied Intelligence, 2020, 50, 1979-1995.                 | 5.3 | 2         |
| 78 | Information volume of mass function based on extropy. Soft Computing, 0, , 1.  | 3.6 | 2         |
| 79 | Complex Entropy and Its Application in Decision-Making for Medical Diagnosis. Journal of Healthcare Engineering, 2021, 2021, 1-10.                               | 1.9 | 1         |
| 80 | Complex belief interval-based distance measure with its application in pattern recognition. International Journal of Intelligent Systems, 2022, 37, 6811-6832.   | 5.7 | 1         |
| 81 | A Novel Complex Pignistic Belief Transform for Conflict Measure in Complex Evidence Theory. Communications in Computer and Information Science, 2021, , 183-191. | 0.5 | 0         |
| 82 | A Hybrid Distributed Frequent Itemset Mining Method with Its Application in Medical Diagnosis. Lecture Notes in Computer Science, 2020, , 394-403.               | 1.3 | 0         |