# Jiu-Cheng Xu

List of Publications by Year
in descending order

| 46 papers | 1,642 citations | 331259<br>21<br>h-index | 301761<br>39<br>g-index |
|-----------|-----------------|-------------------------|--------------------------|
| 46 all docs | 46 docs citations | 46 times ranked | 675 citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | Feature selection using neighborhood entropy-based uncertainty measures for gene expression data classification. Information Sciences, 2019, 502, 18-41. | 4.0 | 178 |
| 2 | Feature Selection Using Fuzzy Neighborhood Entropy-Based Uncertainty Measures for Fuzzy Neighborhood Multigranulation Rough Sets. IEEE Transactions on Fuzzy Systems, 2021, 29, 19-33. | 6.5 | 150 |
| 3 | Feature selection using rough entropy-based uncertainty measures in incomplete decision systems. Knowledge-Based Systems, 2012, 36, 206-216. | 4.0 | 122 |
| 4 | Feature selection using Fisher score and multilabel neighborhood rough sets for multilabel classification. Information Sciences, 2021, 578, 887-912. | 4.0 | 105 |
| 5 | Neighborhood multi-granulation rough sets-based attribute reduction using Lebesgue and entropy measures in incomplete neighborhood decision systems. Knowledge-Based Systems, 2020, 192, 105373. | 4.0 | 90 |
| 6 | Joint neighborhood entropy-based gene selection method with fisher score for tumor classification. Applied Intelligence, 2019, 49, 1245-1259. | 3.3 | 81 |
| 7 | Multilabel feature selection using ML-ReliefF and neighborhood mutual information for multilabel neighborhood decision systems. Information Sciences, 2020, 537, 401-424. | 4.0 | 77 |
| 8 | Feature Selection With Missing Labels Using Multilabel Fuzzy Neighborhood Rough Sets and Maximum Relevance Minimum Redundancy. IEEE Transactions on Fuzzy Systems, 2022, 30, 1197-1211. | 6.5 | 75 |
| 9 | Improved Monarch Butterfly Optimization Algorithm Based on Opposition-Based Learning and Random Local Perturbation. Complexity, 2019, 2019, 1-20. | 0.9 | 54 |
| 10 | A robust image watermarking scheme using Arnold transform and BP neural network. Neural Computing and Applications, 2018, 30, 2425-2440. | 3.2 | 52 |
| 11 | Feature selection using Lebesgue and entropy measures for incomplete neighborhood decision systems. Knowledge-Based Systems, 2019, 186, 104942. | 4.0 | 47 |
| 12 | Feature reduction for imbalanced data classification using similarity-based feature clustering with adaptive weighted K-nearest neighbors. Information Sciences, 2022, 593, 591-613. | 4.0 | 40 |
| 13 | A Hybrid Gene Selection Method Based on ReliefF and Ant Colony Optimization Algorithm for Tumor Classification. Scientific Reports, 2019, 9, 8978. | 1.6 | 39 |
| 14 | Feature selection with the Fisher score followed by the Maximal Clique Centrality algorithm can accurately identify the hub genes of hepatocellular carcinoma. Scientific Reports, 2019, 9, 17283. | 1.6 | 37 |
| 15 | An Adaptive Density Peaks Clustering Method With Fisher Linear Discriminant. IEEE Access, 2019, 7, 72936-72955. | 2.6 | 34 |
| 16 | An Affinity Propagation Clustering Method Using Hybrid Kernel Function With LLE. IEEE Access, 2018, 6, 68892-68909. | 2.6 | 29 |
| 17 | Feature selection using mutual information based uncertainty measures for tumor classification. Bio-Medical Materials and Engineering, 2014, 24, 763-770. | 0.4 | 26 |
| 18 | An Attribute Reduction Method using Neighborhood Entropy Measures in Neighborhood Rough Sets. Entropy, 2019, 21, 155. | 1.1 | 26 |

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|---|---------|-----|-----------|
| 19 | An Image Segmentation Method Using an Active Contour Model Based on Improved SPF and LIF. Applied Sciences (Switzerland), 2018, 8, 2576. | 1.3 | 25 |
| 20 | A Gene selection approach based on the fisher linear discriminant and the neighborhood rough set. Bioengineered, 2018, 9, 144-151. | 1.4 | 23 |
| 21 | Feature Genes Selection Using Supervised Locally Linear Embedding and Correlation Coefficient for Microarray Classification. Computational and Mathematical Methods in Medicine, 2018, 2018, 1-11. | 0.7 | 23 |
| 22 | Density peaks clustering based on k-nearest neighbors and self-recommendation. International Journal of Machine Learning and Cybernetics, 2021, 12, 1913-1938. | 2.3 | 23 |
| 23 | Feature selection using self-information and entropy-based uncertainty measure for fuzzy neighborhood rough set. Complex & Intelligent Systems, 2022, 8, 287-305. | 4.0 | 22 |
| 24 | Multi-label feature selection based on fuzzy neighborhood rough sets. Complex & Intelligent Systems, 2022, 8, 2105-2129. | 4.0 | 22 |
| 25 | Nearest neighbors-based adaptive density peaks clustering with optimized allocation strategy. Neurocomputing, 2022, 473, 159-181. | 3.5 | 20 |
| 26 | A Neighborhood Rough Sets-Based Attribute Reduction Method Using Lebesgue and Entropy Measures. Entropy, 2019, 21, 138. | 1.1 | 17 |
| 27 | Hybrid Multilabel Feature Selection Using BPSO and Neighborhood Rough Sets for Multilabel Neighborhood Decision Systems. IEEE Access, 2019, 7, 175793-175815. | 2.6 | 17 |
| 28 | Feature genes selection based on fuzzy neighborhood conditional entropy. Journal of Intelligent and Fuzzy Systems, 2019, 36, 117-126. | 0.8 | 17 |
| 29 | Improved LLE and neighborhood rough sets-based gene selection using Lebesgue measure for cancer classification on gene expression data. Journal of Intelligent and Fuzzy Systems, 2019, 37, 5731-5742. | 0.8 | 16 |
| 30 | Multilabel Feature Selection Using Relief and Minimum Redundancy Maximum Relevance Based on Neighborhood Rough Sets. IEEE Access, 2020, 8, 62011-62031. | 2.6 | 15 |
| 31 | Feature Selection Combining Information Theory View and Algebraic View in the Neighborhood Decision System. Entropy, 2021, 23, 704. | 1.1 | 14 |
| 32 | A granular computing approach to gene selection. Bio-Medical Materials and Engineering, 2014, 24, 1307-1314. | 0.4 | 13 |
| 33 | Twoâ€stageâ€neighborhoodâ€based multilabel classification for incomplete data with missing labels. International Journal of Intelligent Systems, 2022, 37, 6773-6810. | 3.3 | 13 |
| 34 | Mixed measure-based feature selection using the Fisher score and neighborhood rough sets. Applied Intelligence, 2022, 52, 17264-17288. | 3.3 | 13 |
| 35 | Feature selection using binary monarch butterfly optimization. Applied Intelligence, 2023, 53, 706-727. | 3.3 | 13 |
| 36 | An Image Segmentation Method Based on Improved Regularized Level Set Model. Applied Sciences (Switzerland), 2018, 8, 2393. | 1.3 | 12 |

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|---|---------|-----|-----------|
| 37 | Feature selection based on multiview entropy measures in multiperspective rough set. International Journal of Intelligent Systems, 2022, 37, 7200-7234. | 3.3 | 11 |
| 38 | Feature selection using self-information uncertainty measures in neighborhood information systems. Applied Intelligence, 2023, 53, 4524-4540. | 3.3 | 9 |
| 39 | Principal component-based feature selection for tumor classification. Bio-Medical Materials and Engineering, 2015, 26, S2011-S2017. | 0.4 | 8 |
| 40 | Information Entropy and Mutual Information-based Uncertainty Measures in Rough Set Theory. Applied Mathematics and Information Sciences, 2014, 8, 1973-1985. | 0.7 | 6 |
| 41 | Feature selection method for color image steganalysis based on fuzzy neighborhood conditional entropy. Applied Intelligence, 2022, 52, 9388-9405. | 3.3 | 6 |
| 42 | Feature genes selection using Fisher transformation method. Journal of Intelligent and Fuzzy Systems, 2018, 34, 4291-4300. | 0.8 | 5 |
| 43 | Decision Degree-based Decision Tree Technology for Rule Extraction. Journal of Computers, 2012, 7, . | 0.4 | 5 |
| 44 | Online group streaming feature selection using entropy-based uncertainty measures for fuzzy neighborhood rough sets. Complex & Intelligent Systems, 2022, 8, 5309-5328. | 4.0 | 5 |
| 45 | Multilabel Feature Selection Using Mutual Information and ML-ReliefF for Multilabel Classification. IEEE Access, 2020, 8, 145381-145400. | 2.6 | 4 |
| 46 | Information Entropy and Information Granulation-based Uncertainty Measures in Incomplete Information Systems. Applied Mathematics and Information Sciences, 2014, 8, 2073-2083. | 0.7 | 3 |