

Xiaowei Xu

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

4,684
citations

331670

21
h-index

233421

45
g-index

74
all docs

74
docs citations

74
times ranked

4857
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Evolving Metric Learning for Incremental and Decremental Features. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 2290-2302. | 8.3 | 2 |
| 2 | Weakly-Supervised Cross-Domain Adaptation for Endoscopic Lesions Segmentation. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 2020-2033. | 8.3 | 24 |
| 3 | InferBERT: A Transformer-Based Causal Inference Framework for Enhancing Pharmacovigilance. Frontiers in Artificial Intelligence, 2021, 4, 659622. | 3.4 | 19 |
| 4 | An effective framework for semistructured document classification via hierarchical attention model. International Journal of Intelligent Systems, 2021, 36, 5161-5183. | 5.7 | 9 |
| 5 | Artificial Intelligence, Machine Learning, and Cardiovascular Disease. Clinical Medicine Insights: Cardiology, 2020, 14, 117954682092740. | 1.8 | 70 |
| 6 | An Improved Deep Spatial-Temporal Hybrid Model for Bus Speed Prediction. Mathematical Problems in Engineering, 2020, 2020, 1-11. | 1.1 | 3 |
| 7 | What Can Be Transferred: Unsupervised Domain Adaptation for Endoscopic Lesions Segmentation. , 2020, , . | | 90 |
| 8 | ColluEagle: collusive review spammer detection using Markov random fields. Data Mining and Knowledge Discovery, 2020, 34, 1621-1641. | 3.7 | 26 |
| 9 | A Novel Hierarchical Hybrid Model for Short-Term Bus Passenger Flow Forecasting. Journal of Advanced Transportation, 2020, 2020, 1-16. | 1.7 | 13 |
| 10 | DLI-IT: a deep learning approach to drug label identification through image and text embedding. BMC Medical Informatics and Decision Making, 2020, 20, 68. | 3.0 | 10 |
| 11 | Research on Privacy Disclosure Detection Method in Social Networks Based on Multi-Dimensional Deep Learning. Computers, Materials and Continua, 2020, 62, 137-155. | 1.9 | 11 |
| 12 | Text Embeddings for Retrieval from a Large Knowledge Base. Lecture Notes in Business Information Processing, 2020, , 338-351. | 1.0 | 1 |
| 13 | CSCL: Critical Semantic-Consistent Learning for Unsupervised Domain Adaptation. Lecture Notes in Computer Science, 2020, , 745-762. | 1.3 | 23 |
| 14 | Classification and Early Warning Model of Terrorist Attacks Based on Optimal GCN. Chinese Journal of Electronics, 2020, 29, 1193-1200. | 1.5 | 3 |
| 15 | Lifelong Metric Learning. IEEE Transactions on Cybernetics, 2019, 49, 3168-3179. | 9.5 | 20 |
| 16 | Hierarchical Sarsa Learning Based Route Guidance Algorithm. Journal of Advanced Transportation, 2019, 2019, 1-12. | 1.7 | 3 |
| 17 | A hybrid temporal association rules mining method for traffic congestion prediction. Computers and Industrial Engineering, 2019, 130, 779-787. | 6.3 | 49 |
| 18 | Hierarchical-Document-Structure-Aware Attention with Adaptive Cost Sensitive Learning for Biomedical Document Classification. , 2019, , . | | 1 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Anomaly detection via adaptive greedy model. <i>Neurocomputing</i> , 2019, 330, 369-379. | 5.9 | 9 |
| 20 | Joint Household Characteristic Prediction via Smart Meter Data. <i>IEEE Transactions on Smart Grid</i> , 2019, 10, 1834-1844. | 9.0 | 30 |
| 21 | GSLDA: LDA-based group spamming detection in product reviews. <i>Applied Intelligence</i> , 2018, 48, 3094-3107. | 5.3 | 48 |
| 22 | Graph-based review spammer group detection. <i>Knowledge and Information Systems</i> , 2018, 55, 571-597. | 3.2 | 69 |
| 23 | Online Low-Rank Metric Learning via Parallel Coordinate Descent Method. , 2018, , . | | 3 |
| 24 | Clustered Lifelong Learning Via Representative Task Selection. , 2018, , . | | 1 |
| 25 | A Comprehensive Comparative Analysis of the Basic Theory of the Short Term Bus Passenger Flow Prediction. <i>Symmetry</i> , 2018, 10, 369. | 2.2 | 18 |
| 26 | ABNORMAL USER BEHAVIOUR PERCEPTION METHOD IN SDN. <i>International Journal of Robotics and Automation</i> , 2018, 33, . | 0.1 | 0 |
| 27 | DBSCAN Revisited, Revisited. <i>ACM Transactions on Database Systems</i> , 2017, 42, 1-21. | 2.8 | 1,347 |
| 28 | AnySCAN: An Efficient Anytime Framework with Active Learning for Large-Scale Network Clustering. , 2017, , . | | 5 |
| 29 | Shuffle based Anomaly Detection in Multi-state System. , 2017, , . | | 1 |
| 30 | Discovering Multiple Social Ties for Characterization of Individuals in Online Social Networks. , 2016, , . | | 0 |
| 31 | Effective background modelling and subtraction approach for moving object detection. <i>IET Computer Vision</i> , 2015, 9, 13-24. | 2.0 | 21 |
| 32 | Predicting Hepatotoxicity Using ToxCast <i>in Vitro</i> Bioactivity and Chemical Structure. <i>Chemical Research in Toxicology</i> , 2015, 28, 738-751. | 3.3 | 124 |
| 33 | Asymmetric author-topic model for knowledge discovering of big data in toxicogenomics. <i>Frontiers in Pharmacology</i> , 2015, 6, 81. | 3.5 | 12 |
| 34 | Detecting Lung Diseases from Exhaled Aerosols: Non-Invasive Lung Diagnosis Using Fractal Analysis and SVM Classification. <i>PLoS ONE</i> , 2015, 10, e0139511. | 2.5 | 20 |
| 35 | A phenome-guided drug repositioning through a latent variable model. <i>BMC Bioinformatics</i> , 2014, 15, 267. | 2.6 | 35 |
| 36 | Mining hidden knowledge for drug safety assessment: topic modeling of LiverTox as a case study. <i>BMC Bioinformatics</i> , 2014, 15, S6. | 2.6 | 10 |

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|----|---|-----|-----------|
| 37 | h-MapReduce: A Framework for Workload Balancing in MapReduce. , 2013, , . | | 23 |
| 38 | PSCAN: A Parallel Structural Clustering Algorithm for Big Networks in MapReduce. , 2013, , . | | 11 |
| 39 | A systems approach for analysis of high content screening assay data with topic modeling. BMC Bioinformatics, 2013, 14, S11. | 2.6 | 19 |
| 40 | Fast Information Retrieval and Social Network Mining via Cosine Similarity Upper Bound. , 2013, , . | | 2 |
| 41 | In silico drug repositioning “ what we need to know. Drug Discovery Today, 2013, 18, 110-115. | 6.4 | 153 |
| 42 | A study on Twitter user-follower network. , 2013, , . | | 6 |
| 43 | atBioNet“ an integrated network analysis tool for genomics and biomarker discovery. BMC Genomics, 2012, 13, 325. | 2.8 | 33 |
| 44 | Investigating drug repositioning opportunities in FDA drug labels through topic modeling. BMC Bioinformatics, 2012, 13, S6. | 2.6 | 54 |
| 45 | A study of homophily on social media. World Wide Web, 2012, 15, 213-232. | 4.0 | 68 |
| 46 | NMiner: A System for Finding Related Entities by Mining a Bimodal Network. Lecture Notes in Computer Science, 2012, , 346-355. | 1.3 | 0 |
| 47 | Mining fetal magnetocardiogram data for high-risk fetuses. , 2011, , . | | 1 |
| 48 | Social computational systems. Journal of Computational Science, 2011, 2, 189-192. | 2.9 | 7 |
| 49 | Mining FDA drug labels using an unsupervised learning technique - topic modeling. BMC Bioinformatics, 2011, 12, S11. | 2.6 | 93 |
| 50 | Constructing a robust protein-protein interaction network by integrating multiple public databases. BMC Bioinformatics, 2011, 12, S7. | 2.6 | 24 |
| 51 | Diagnosis of long QT syndrome via support vector machines classification. Journal of Biomedical Science and Engineering, 2011, 04, 264-271. | 0.4 | 6 |
| 52 | A Novel Approach for Finding Clusters from Complex Networks. Journal of Software, 2011, 6, . | 0.6 | 3 |
| 53 | Does Similarity Breed Connection? - An Investigation in Blogcatalog and Last.fm Communities. , 2010, , . | | 3 |
| 54 | An Algorithm for Identifying Useful Structure in Graphs Clustering. , 2010, , . | | 2 |

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|----|---|-----|-----------|
| 55 | Investigating Homophily in Online Social Networks. , 2010, , . | | 55 |
| 56 | Finding Functional Modules. Systems Biology, 2010, , 253-273. | 0.1 | 1 |
| 57 | AHSCAN: Agglomerative Hierarchical Structural Clustering Algorithm for Networks. , 2009, , . | | 21 |
| 58 | A Novel Similarity-based Modularity Function for Graph Partitioning. , 2009, , 223-236. | | 1 |
| 59 | Knowledge Discovery in Textual Databases: A Concept-Association Mining Approach. Profiles in Operations Research, 2009, , 225-243. | 0.4 | 1 |
| 60 | A structural approach for finding functional modules from large biological networks. BMC Bioinformatics, 2008, 9, S19. | 2.6 | 76 |
| 61 | On Structural Analysis of Large Networks. , 2008, , . | | 1 |
| 62 | Supporting Keyword Queries on Structured Databases with Limited Search Interfaces. , 2008, , 432-439. | | 0 |
| 63 | A Divisive Hierarchical Structural Clustering Algorithm for Networks. , 2007, , . | | 25 |
| 64 | A Novel Similarity-Based Modularity Function for Graph Partitioning. Lecture Notes in Computer Science, 2007, , 385-396. | 1.3 | 34 |
| 65 | SCAN. , 2007, , . | | 557 |
| 66 | A Machine Learning Approach for Identification of Head and Neck Squamous Cell Carcinoma. , 2007, , . | | 7 |
| 67 | Automatic delineation of malignancy in histopathological head and neck slides. BMC Bioinformatics, 2007, 8, S17. | 2.6 | 25 |
| 68 | Head and Neck Cancer Detection in Histopathological Slides. , 2006, , . | | 8 |
| 69 | Probabilistic memory-based collaborative filtering. IEEE Transactions on Knowledge and Data Engineering, 2004, 16, 56-69. | 5.7 | 175 |
| 70 | Density-Based Clustering in Spatial Databases: The Algorithm GDBSCAN and Its Applications. Data Mining and Knowledge Discovery, 1998, 2, 169-194. | 3.7 | 1,059 |