

Ying Wah Teh

List of Publications by Year in descending order

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Version: 2024-02-01

71
papers

4,712
citations

218381

26
h-index

223531

46
g-index

74
all docs

74
docs citations

74
times ranked

5114
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Time-series clustering – A decade review. Information Systems, 2015, 53, 16-38. | 2.4 | 1,148 |
| 2 | Deep learning algorithms for human activity recognition using mobile and wearable sensor networks: State of the art and research challenges. Expert Systems With Applications, 2018, 105, 233-261. | 4.4 | 619 |
| 3 | Text mining for market prediction: A systematic review. Expert Systems With Applications, 2014, 41, 7653-7670. | 4.4 | 417 |
| 4 | Data fusion and multiple classifier systems for human activity detection and health monitoring: Review and open research directions. Information Fusion, 2019, 46, 147-170. | 11.7 | 265 |
| 5 | A Comparison Study on Similarity and Dissimilarity Measures in Clustering Continuous Data. PLoS ONE, 2015, 10, e0144059. | 1.1 | 257 |
| 6 | Big data reduction framework for value creation in sustainable enterprises. International Journal of Information Management, 2016, 36, 917-928. | 10.5 | 198 |
| 7 | Text mining of news-headlines for FOREX market prediction: A Multi-layer Dimension Reduction Algorithm with semantics and sentiment. Expert Systems With Applications, 2015, 42, 306-324. | 4.4 | 196 |
| 8 | On Density-Based Data Streams Clustering Algorithms: A Survey. Journal of Computer Science and Technology, 2014, 29, 116-141. | 0.9 | 160 |
| 9 | Big Data Reduction Methods: A Survey. Data Science and Engineering, 2016, 1, 265-284. | 4.6 | 130 |
| 10 | Big Data Clustering: A Review. Lecture Notes in Computer Science, 2014, , 707-720. | 1.0 | 125 |
| 11 | D-FICCA: A density-based fuzzy imperialist competitive clustering algorithm for intrusion detection in wireless sensor networks. Measurement: Journal of the International Measurement Confederation, 2014, 55, 212-226. | 2.5 | 94 |
| 12 | Stock market co-movement assessment using a three-phase clustering method. Expert Systems With Applications, 2014, 41, 1301-1314. | 4.4 | 84 |
| 13 | Mining Personal Data Using Smartphones and Wearable Devices: A Survey. Sensors, 2015, 15, 4430-4469. | 2.1 | 71 |
| 14 | A study of density-grid based clustering algorithms on data streams. , 2011, , . | | 70 |
| 15 | Speaker identification through artificial intelligence techniques: A comprehensive review and research challenges. Expert Systems With Applications, 2021, 171, 114591. | 4.4 | 59 |
| 16 | MuDi-Stream: A multi density clustering algorithm for evolving data stream. Journal of Network and Computer Applications, 2016, 59, 370-385. | 5.8 | 58 |
| 17 | A Review of Subsequence Time Series Clustering. Scientific World Journal, The, 2014, 2014, 1-19. | 0.8 | 57 |
| 18 | Text-Independent Speaker Identification Through Feature Fusion and Deep Neural Network. IEEE Access, 2020, 8, 32187-32202. | 2.6 | 54 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Iterative big data clustering algorithms: a review. <i>Software - Practice and Experience</i> , 2016, 46, 107-129. | 2.5 | 45 |
| 20 | Multi-sensor fusion based on multiple classifier systems for human activity identification. <i>Human-centric Computing and Information Sciences</i> , 2019, 9, . | 6.1 | 44 |
| 21 | Towards next-generation heterogeneous mobile data stream mining applications: Opportunities, challenges, and future research directions. <i>Journal of Network and Computer Applications</i> , 2017, 79, 1-24. | 5.8 | 39 |
| 22 | Automated Diagnosis of Coronary Artery Disease: A Review and Workflow. <i>Cardiology Research and Practice</i> , 2018, 2018, 1-9. | 0.5 | 39 |
| 23 | A Novel Cost-Efficient Framework for Critical Heartbeat Task Scheduling Using the Internet of Medical Things in a Fog Cloud System. <i>Sensors</i> , 2020, 20, 441. | 2.1 | 35 |
| 24 | A Hybrid Algorithm for Clustering of Time Series Data Based on Affinity Search Technique. <i>Scientific World Journal, The</i> , 2014, 2014, 1-12. | 0.8 | 33 |
| 25 | Deep learning approaches for speech emotion recognition: state of the art and research challenges. <i>Multimedia Tools and Applications</i> , 2021, 80, 23745-23812. | 2.6 | 30 |
| 26 | Diagnosing Tuberculosis With a Novel Support Vector Machine-Based Artificial Immune Recognition System. <i>Iranian Red Crescent Medical Journal</i> , 2015, 17, e24557. | 0.5 | 29 |
| 27 | A Fast Density-Based Clustering Algorithm for Real-Time Internet of Things Stream. <i>Scientific World Journal, The</i> , 2014, 2014, 1-11. | 0.8 | 28 |
| 28 | Mobile and wearable sensors for data-driven health monitoring system: State-of-the-art and future prospect. <i>Expert Systems With Applications</i> , 2022, 202, 117362. | 4.4 | 28 |
| 29 | Opportunistic Computation Offloading in Mobile Edge Cloud Computing Environments. , 2016, , . | | 25 |
| 30 | Clustering of large time series datasets. <i>Intelligent Data Analysis</i> , 2014, 18, 793-817. | 0.4 | 20 |
| 31 | Smartphone Motion Sensor-Based Complex Human Activity Identification Using Deep Stacked Autoencoder Algorithm for Enhanced Smart Healthcare System. <i>Sensors</i> , 2020, 20, 6300. | 2.1 | 20 |
| 32 | Reservoir Computing Based Echo State Networks for Ventricular Heart Beat Classification. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 702. | 1.3 | 17 |
| 33 | Deep Deterministic Learning for Pattern Recognition of Different Cardiac Diseases through the Internet of Medical Things. <i>Journal of Medical Systems</i> , 2018, 42, 252. | 2.2 | 15 |
| 34 | Analysis of Multi-Sensor Fusion for Mobile and Wearable Sensor Based Human Activity Recognition. , 2018, , . | | 15 |
| 35 | Usage of Model Driven Environment for the Classification of ECG features: A Systematic Review. <i>IEEE Access</i> , 2018, 6, 23120-23136. | 2.6 | 13 |
| 36 | A novel FOREX prediction methodology based on fundamental data. <i>African Journal of Business Management</i> , 2011, 5, 8322-8330. | 0.4 | 12 |

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|----|---|-----|-----------|
| 37 | Evolving Fuzzy Clustering Approach: An Epoch Clustering That Enables Heuristic Postpruning. IEEE Transactions on Fuzzy Systems, 2021, 29, 560-568. | 6.5 | 12 |
| 38 | An Approachable Analytical Study on Big Educational Data Mining. Lecture Notes in Computer Science, 2014, , 721-737. | 1.0 | 12 |
| 39 | Convolutional neural network-based cross-corpus speech emotion recognition with data augmentation and features fusion. Machine Vision and Applications, 2022, 33, 1. | 1.7 | 12 |
| 40 | RAIRS2 a new expert system for diagnosing tuberculosis with real-world tournament selection mechanism inside artificial immune recognition system. Medical and Biological Engineering and Computing, 2016, 54, 385-399. | 1.6 | 11 |
| 41 | Using Incremental Fuzzy Clustering to Web Usage Mining. , 2009, , . | | 10 |
| 42 | Execution Models for Mobile Data Analytics. IT Professional, 2017, 19, 24-30. | 1.4 | 9 |
| 43 | Dynamic Modeling by Usage Data for Personalization Systems. , 2009, , . | | 8 |
| 44 | Frequent pattern mining in mobile devices: A feasibility study. , 2014, , . | | 8 |
| 45 | Studying the Effect of Training Levenberg Marquardt Neural Network by Using Hybrid Meta-Heuristic Algorithms. Journal of Computational and Theoretical Nanoscience, 2016, 13, 450-460. | 0.4 | 8 |
| 46 | Intelligent credit scoring model using soft computing approach. , 2008, , . | | 7 |
| 47 | A Multi Density-Based Clustering Algorithm for Data Stream with Noise. , 2013, , . | | 7 |
| 48 | Recommender systems. , 2009, , . | | 6 |
| 49 | Synthetic Hardware Performance Analysis in Virtualized Cloud Environment for Healthcare Organization. Journal of Medical Systems, 2013, 37, 9950. | 2.2 | 6 |
| 50 | UniMiner: Towards a unified framework for data mining. , 2014, , . | | 6 |
| 51 | Credit risk evaluation decision modeling through optimized fuzzy classifier. , 2008, , . | | 5 |
| 52 | A comparative study of data mining techniques in predicting consumers credit card risk in banks. African Journal of Business Management, 2011, 5, 8307-8312. | 0.4 | 5 |
| 53 | Data mining using classification techniques in query processing strategies. , 0, , . | | 3 |
| 54 | Evaluating a Data Warehouse for Lymphoma Diagnosis and Treatment Decision Support System. , 2010, , . | | 3 |

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|----|--|-----|-----------|
| 55 | Automatic Speaker Identification through Robust Time Domain Features and Hierarchical Classification Approach. , 2018, , . | | 3 |
| 56 | Device-centric adaptive data stream management and offloading for analytics applications in future internet architectures. Future Generation Computer Systems, 2021, 114, 155-168. | 4.9 | 3 |
| 57 | Prediction analytics of myocardial infarction through model-driven deep deterministic learning. Neural Computing and Applications, 2020, 32, 15909-15928. | 3.2 | 2 |
| 58 | Applied Data Mining Approach in Ubiquitous World of Air Transportation. , 2009, , . | | 1 |
| 59 | A Transparent Classification Model Using a Hybrid Soft Computing Method. , 2009, , . | | 1 |
| 60 | Anomaly detection and prediction of sensors faults in a refinery using data mining techniques and fuzzy logic. Scientific Research and Essays, 2011, 6, . | 0.1 | 1 |
| 61 | On Density-Based Clustering Algorithms over Evolving Data Streams: A Summarization Paradigm. Applied Mechanics and Materials, 0, 263-266, 2234-2237. | 0.2 | 1 |
| 62 | Earthquake Prediction Based on the Pattern of Points Seismic Motion. , 2012, , . | | 1 |
| 63 | Enhanced Security Approach Powered by Blockchain Technology with NFC to Prevent Fraudulence in Bank Letter of Credits. , 2020, , . | | 1 |
| 64 | Adaptive query processing in e-commerce environment. , 0, , . | | 0 |
| 65 | Query processing in e-commerce environment using predictive partitioned relations. , 0, , . | | 0 |
| 66 | Data mining techniques in single-column indexes. , 0, , . | | 0 |
| 67 | Intelligent credit risk evaluation system using evolutionary-neuro-fuzzy scheme. , 2007, , . | | 0 |
| 68 | Applications of support vector machines in oil refineries: A survey. African Journal of Business Management, 2011, 6, . | 0.4 | 0 |
| 69 | Secure Hardware Performance Analysis in Virtualized Cloud Environment. Mathematical Problems in Engineering, 2013, 2013, 1-9. | 0.6 | 0 |
| 70 | Data Mining Techniques in Index Techniques. , 2003, , 331-339. | | 0 |
| 71 | Data Mining Techniques in Materialised Project and Selection View. Lecture Notes in Computer Science, 2004, , 34-37. | 1.0 | 0 |