

Ying Wah Teh

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

65

papers

2,863

citations

21

h-index

53

g-index

74

ext. papers

3,911

ext. citations

3.9

avg, IF

5.86

L-index

#	Paper	IF	Citations
65	Convolutional neural network-based cross-corpus speech emotion recognition with data augmentation and features fusion. <i>Machine Vision and Applications</i> , 2022 , 33, 1	2.8	1
64	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	7.8	4
63	Device-centric adaptive data stream management and offloading for analytics applications in future internet architectures. <i>Future Generation Computer Systems</i> , 2021 , 114, 155-168	7.5	3
62	Speaker identification through artificial intelligence techniques: A comprehensive review and research challenges. <i>Expert Systems With Applications</i> , 2021 , 171, 114591	7.8	13
61	Deep learning approaches for speech emotion recognition: state of the art and research challenges. <i>Multimedia Tools and Applications</i> , 2021 , 80, 23745	2.5	5
60	Text-Independent Speaker Identification Through Feature Fusion and Deep Neural Network. <i>IEEE Access</i> , 2020 , 8, 32187-32202	3.5	21
59	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,	3.8	20
58	Enhanced Security Approach Powered by Blockchain Technology with NFC to Prevent Fraudulence in Bank Letter of Credits 2020 ,		1
57	Smartphone Motion Sensor-Based Complex Human Activity Identification Using Deep Stacked Autoencoder Algorithm for Enhanced Smart Healthcare System. <i>Sensors</i> , 2020 , 20,	3.8	6
56	Prediction analytics of myocardial infarction through model-driven deep deterministic learning. <i>Neural Computing and Applications</i> , 2020 , 32, 15909-15928	4.8	1
55	Reservoir Computing Based Echo State Networks for Ventricular Heart Beat Classification. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 702	2.6	5
54	Data fusion and multiple classifier systems for human activity detection and health monitoring: Review and open research directions. <i>Information Fusion</i> , 2019 , 46, 147-170	16.7	151
53	Multi-sensor fusion based on multiple classifier systems for human activity identification. <i>Human-centric Computing and Information Sciences</i> , 2019 , 9,	5.4	26
52	Evolving Fuzzy Clustering Approach: An Epoch Clustering That Enables Heuristic Postpruning. <i>IEEE Transactions on Fuzzy Systems</i> , 2019 , 1-1	8.3	7
51	Deep learning algorithms for human activity recognition using mobile and wearable sensor networks: State of the art and research challenges. <i>Expert Systems With Applications</i> , 2018 , 105, 233-261	7.8	352
50	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	5.1	10
49	Analysis of Multi-Sensor Fusion for Mobile and Wearable Sensor Based Human Activity Recognition 2018 ,		8

48	Automatic Speaker Identification through Robust Time Domain Features and Hierarchical Classification Approach 2018 ,		3
47	Usage of Model Driven Environment for the Classification of ECG features: A Systematic Review. <i>IEEE Access</i> , 2018 , 6, 23120-23136	3.5	10
46	Automated Diagnosis of Coronary Artery Disease: A Review and Workflow. <i>Cardiology Research and Practice</i> , 2018 , 2018, 2016282	1.9	23
45	. <i>IT Professional</i> , 2017 , 19, 24-30	1.9	8
44	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	7.9	31
43	RAIRS2 a new expert system for diagnosing tuberculosis with real-world tournament selection mechanism inside artificial immune recognition system. <i>Medical and Biological Engineering and Computing</i> , 2016 , 54, 385-99	3.1	6
42	Opportunistic Computation Offloading in Mobile Edge Cloud Computing Environments 2016 ,		20
41	Studying the Effect of Training Levenberg Marquardt Neural Network by Using Hybrid Meta-Heuristic Algorithms. <i>Journal of Computational and Theoretical Nanoscience</i> , 2016 , 13, 450-460	0.3	3
40	Big data reduction framework for value creation in sustainable enterprises. <i>International Journal of Information Management</i> , 2016 , 36, 917-928	16.4	147
39	MuDi-Stream: A multi density clustering algorithm for evolving data stream. <i>Journal of Network and Computer Applications</i> , 2016 , 59, 370-385	7.9	35
38	Iterative big data clustering algorithms: a review. <i>Software - Practice and Experience</i> , 2016 , 46, 107-129	2.5	34
37	Big Data Reduction Methods: A Survey. <i>Data Science and Engineering</i> , 2016 , 1, 265-284	3.6	78
36	Time-series clustering [A decade review. <i>Information Systems</i> , 2015 , 53, 16-38	2.7	653
35	Text mining of news-headlines for FOREX market prediction: A Multi-layer Dimension Reduction Algorithm with semantics and sentiment. <i>Expert Systems With Applications</i> , 2015 , 42, 306-324	7.8	140
34	A Comparison Study on Similarity and Dissimilarity Measures in Clustering Continuous Data. <i>PLoS ONE</i> , 2015 , 10, e0144059	3.7	137
33	Diagnosing tuberculosis with a novel support vector machine-based artificial immune recognition system. <i>Iranian Red Crescent Medical Journal</i> , 2015 , 17, e24557	1.3	16
32	Mining personal data using smartphones and wearable devices: a survey. <i>Sensors</i> , 2015 , 15, 4430-69	3.8	54
31	On Density-Based Data Streams Clustering Algorithms: A Survey. <i>Journal of Computer Science and Technology</i> , 2014 , 29, 116-141	1.7	126

30	D-FICCA: A density-based fuzzy imperialist competitive clustering algorithm for intrusion detection in wireless sensor networks. <i>Measurement: Journal of the International Measurement Confederation</i> , 2014 , 55, 212-226	4.6	82
29	Stock market co-movement assessment using a three-phase clustering method. <i>Expert Systems With Applications</i> , 2014 , 41, 1301-1314	7.8	57
28	Text mining for market prediction: A systematic review. <i>Expert Systems With Applications</i> , 2014 , 41, 7653-7670	7.6	285
27	A hybrid algorithm for clustering of time series data based on affinity search technique. <i>Scientific World Journal, The</i> , 2014 , 2014, 562194	2.2	18
26	A fast density-based clustering algorithm for real-time Internet of Things stream. <i>Scientific World Journal, The</i> , 2014 , 2014, 926020	2.2	22
25	A review of subsequence time series clustering. <i>Scientific World Journal, The</i> , 2014 , 2014, 312521	2.2	34
24	Frequent pattern mining in mobile devices: A feasibility study 2014 ,		7
23	Clustering of large time series datasets. <i>Intelligent Data Analysis</i> , 2014 , 18, 793-817	1.1	15
22	Big Data Clustering: A Review. <i>Lecture Notes in Computer Science</i> , 2014 , 707-720	0.9	80
21	UniMiner: Towards a unified framework for data mining 2014 ,		6
20	An Approachable Analytical Study on Big Educational Data Mining. <i>Lecture Notes in Computer Science</i> , 2014 , 721-737	0.9	10
19	Synthetic hardware performance analysis in virtualized cloud environment for healthcare organization. <i>Journal of Medical Systems</i> , 2013 , 37, 9950	5.1	3
18	A Multi Density-Based Clustering Algorithm for Data Stream with Noise 2013 ,		4
17	Secure Hardware Performance Analysis in Virtualized Cloud Environment. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-9	1.1	
16	On Density-Based Clustering Algorithms over Evolving Data Streams: A Summarization Paradigm. <i>Applied Mechanics and Materials</i> , 2012 , 263-266, 2234-2237	0.3	1
15	Earthquake Prediction Based on the Pattern of Points Seismic Motion 2012 ,		1
14	A comparative study of data mining techniques in predicting consumers credit card risk in banks. <i>African Journal of Business Management</i> , 2011 , 5, 8307-8312	0.5	1
13	A novel FOREX prediction methodology based on fundamental data. <i>African Journal of Business Management</i> , 2011 , 5, 8322-8330	0.5	10

12	A study of density-grid based clustering algorithms on data streams 2011 ,	30
11	Evaluating a Data Warehouse for Lymphoma Diagnosis and Treatment Decision Support System 2010 ,	2
10	Recommender systems 2009 ,	6
9	Dynamic Modeling by Usage Data for Personalization Systems 2009 ,	7
8	2009 ,	1
7	Using Incremental Fuzzy Clustering to Web Usage Mining 2009 ,	5
6	Credit risk evaluation decision modeling through optimized fuzzy classifier 2008 ,	4
5	Intelligent credit scoring model using soft computing approach 2008 ,	5
4	Data Mining Techniques in Materialised Project and Selection View. <i>Lecture Notes in Computer Science</i> , 2004 , 34-37	0.9
3	Data Mining Techniques in Index Techniques 2003 , 331-339	
2	Data Mining Techniques in Materialised Projection View 2003 , 321-330	
1	Data mining using classification techniques in query processing strategies	2