

Jen-Wei Huang

List of Publications by Year in descending order

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55
papers

749
citations

623574

14
h-index

610775

24
g-index

58
all docs

58
docs citations

58
times ranked

640
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptive Deep Learning-Based Air Quality Prediction Model Using the Most Relevant Spatial-Temporal Relations. IEEE Access, 2018, 6, 38186-38199.	2.6	170
2	Adaptive Clustering for Multiple Evolving Streams. IEEE Transactions on Knowledge and Data Engineering, 2006, 18, 1166-1180.	4.0	86
3	Transportation Modes Classification Using Sensors on Smartphones. Sensors, 2016, 16, 1324.	2.1	51
4	A General Model for Sequential Pattern Mining with a Progressive Database. IEEE Transactions on Knowledge and Data Engineering, 2008, 20, 1153-1167.	4.0	47
5	Density Conscious Subspace Clustering for High-Dimensional Data. IEEE Transactions on Knowledge and Data Engineering, 2010, 22, 16-30.	4.0	39
6	Hardware-Enhanced Association Rule Mining with Hashing and Pipelining. IEEE Transactions on Knowledge and Data Engineering, 2008, 20, 784-795.	4.0	32
7	Multichannel Speech Enhancement by Raw Waveform-Mapping Using Fully Convolutional Networks. IEEE/ACM Transactions on Audio Speech and Language Processing, 2020, 28, 1888-1900.	4.0	27
8	DPSP: Distributed Progressive Sequential Pattern Mining on the Cloud. Lecture Notes in Computer Science, 2010, , 27-34.	1.0	26
9	Twain. ACM Transactions on Knowledge Discovery From Data, 2007, 1, 8.	2.5	21
10	Incorporating land-use regression into machine learning algorithms in estimating the spatial-temporal variation of carbon monoxide in Taiwan. Environmental Modelling and Software, 2021, 139, 104996.	1.9	21
11	Using land-use machine learning models to estimate daily NO2 concentration variations in Taiwan. Journal of Cleaner Production, 2021, 317, 128411.	4.6	21
12	Mining frequent and top-K High Utility Time Interval-based Events with Duration patterns. Knowledge and Information Systems, 2019, 61, 1331-1359.	2.1	19
13	Email security level classification of imbalanced data using artificial neural network: The real case in a world-leading enterprise. Engineering Applications of Artificial Intelligence, 2018, 75, 11-21.	4.3	16
14	Scheduling dependent items in data broadcasting environments. , 2006, , .		15
15	DMHUPS: Discovering Multiple High Utility Patterns Simultaneously. Knowledge and Information Systems, 2019, 59, 337-359.	2.1	14
16	TADILOF: Time Aware Density-Based Incremental Local Outlier Detection in Data Streams. Sensors, 2020, 20, 5829.	2.1	12
17	Simplifying Information Integration: Object-Based Flow-of-Mappings Framework for Integration. Lecture Notes in Business Information Processing, 2009, , 108-121.	0.8	10
18	Clustering on Demand for Multiple Data Streams. , 0, , .		8

#	ARTICLE	IF	CITATIONS
19	PSP-AMS. ACM Transactions on Knowledge Discovery From Data, 2019, 13, 1-23.	2.5	8
20	FISIP: A Distance and Correlation Preserving Transformation for Privacy Preserving Data Mining. , 2011, , .		7
21	Improving the quality of tags using state transition on progressive image search and recommendation system. , 2012, , .		7
22	Spatial-Temporal pattern analysis and prediction of air quality in Taiwan. , 2017, , .		7
23	Privacy Preserving Frequent Pattern Mining on Multi-cloud Environment. , 2013, , .		6
24	CUT. , 2013, , .		6
25	Multi-state Open Opinion Model based on Positive and Negative Social Influences. , 2015, , .		6
26	SOHUPDS. , 2020, , .		6
27	Deep Denoising Autoencoder Based Post Filtering for Speech Enhancement. , 2018, , .		5
28	Mining full, inner and tail periodic patterns with perfect, imperfect and asynchronous periodicity simultaneously. Data Mining and Knowledge Discovery, 2021, 35, 1225-1257.	2.4	5
29	ProMail: Using Progressive Email Social Network for Spam Detection. , 2007, , 833-840.		5
30	Discovering Unknown But Interesting Items on Personal Social Network. Lecture Notes in Computer Science, 2012, , 145-156.	1.0	5
31	PISAR: Progressive image search and recommendation system by auto-interpretation and user behavior. , 2011, , .		4
32	Mining frequent Time Interval-based Event with duration patterns from temporal database. , 2014, , .		4
33	IDR: Positive Influence Maximization and Negative Influence Minimization Under Competitive Linear Threshold Model. , 2019, , .		4
34	On subspace clustering with density consciousness. , 2006, , .		3
35	Subsequence Search Considering Duration and Relations of Events in Time Interval-Based Events Sequences. , 2017, , .		3
36	Finding Possible Promoter Binding Sites in DNA Sequences by Sequential Patterns Mining With Specific Numbers of Gaps. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2021, 18, 2459-2470.	1.9	3

#	ARTICLE	IF	CITATIONS
37	User Intention-Based Document Summarization on Heterogeneous Sentence Networks. Lecture Notes in Computer Science, 2019, , 572-587.	1.0	3
38	On progressive sequential pattern mining. , 2006, , .		2
39	Reconstructing Dynamic Social Network by Choosing Local Maximum Degree Substitute. , 2015, , .		2
40	Reducing Communication and Merging Overheads for Distributed Clustering Algorithms on the Cloud. , 2015, , .		2
41	An introduction to framework of security event capturing and tracking. , 2015, , .		2
42	Crowdsourced object-labeling based on a game-based mobile application. Multimedia Tools and Applications, 2019, 78, 18137-18168.	2.6	2
43	Multiscale Control Chart Pattern Recognition Using Histogram-Based Representation of Value and Zero-Crossing Rate. IEEE Transactions on Industrial Electronics, 2022, 69, 684-693.	5.2	2
44	DNA: General Deterministic Network Adaptive Framework for Multi-Round Multi-Party Influence Maximization. , 2018, , .		1
45	Improving the Vocabulary Learning by Personalized Proficiency. , 2019, , .		1
46	Unknown but interesting recommendation using social penetration. Soft Computing, 2019, 23, 7249-7262.	2.1	1
47	P-SERS: Personalized Social Event Recommender System. , 2012, , 71-89.		1
48	User Preference Translation Model for Recommendation System with Item Influence Diffusion Embedding. , 2020, , .		1
49	Efficient building identification using structural and spatial information on mobile devices. , 2014, , .		0
50	The analysis of user behavior and relationship on Bulletin Board System. , 2015, , .		0
51	A study of mobile advertisement recommendation using real big data from AdLocus. , 2016, , .		0
52	An effective object recognition system by a mobile application. , 2017, , .		0
53	Multi-dependent Latent Dirichlet Allocation. , 2017, , .		0
54	Social Influence Prediction by a Community-Based Convolutional Neural Network. Advances in Intelligent Systems and Computing, 2020, , 203-214.	0.5	0

#	ARTICLE	IF	CITATIONS
55	HAAE: Question Classification Using Hierarchical Intra-Attention Enhancement Encoder. , 2021, , .		0