

Ding Tu

List of Publications by Year in descending order

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58
papers

1,107
citations

687220

13
h-index

454834

30
g-index

58
all docs

58
docs citations

58
times ranked

1167
citing authors

#	ARTICLE	IF	CITATIONS
1	Private Cell-ID Trajectory Prediction Using Multi-Graph Embedding and Encoder-Decoder Network. IEEE Transactions on Mobile Computing, 2022, 21, 2967-2977.	3.9	3
2	RLPath: a knowledge graph link prediction method using reinforcement learning based attentive relation path searching and representation learning. Applied Intelligence, 2022, 52, 4715-4726.	3.3	23
3	An interpretable outcome prediction model based on electronic health records and hierarchical attention. International Journal of Intelligent Systems, 2022, 37, 3460-3479.	3.3	7
4	Incremental Detection of Remote Sensing Objects With Feature Pyramid and Knowledge Distillation. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	2.7	13
5	Hyperspectral Image Restoration With Self-Supervised Learning: A Two-Stage Training Approach. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-17.	2.7	12
6	DexDeepFM: Ensemble Diversity Enhanced Extreme Deep Factorization Machine Model. ACM Transactions on Knowledge Discovery From Data, 2022, 16, 1-17.	2.5	3
7	SALIENCE: An Unsupervised User Adaptation Model for Multiple Wearable Sensors Based Human Activity Recognition. IEEE Transactions on Mobile Computing, 2022, , 1-1.	3.9	3
8	AARGNN: An Attentive Attributed Recurrent Graph Neural Network for Traffic Flow Prediction Considering Multiple Dynamic Factors. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 17201-17211.	4.7	18
9	Temporal Multi-Graph Convolutional Network for Traffic Flow Prediction. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 3337-3348.	4.7	123
10	Deep learning based multimodal complex human activity recognition using wearable devices. Applied Intelligence, 2021, 51, 4029-4042.	3.3	32
11	Multi-information embedding based entity alignment. Applied Intelligence, 2021, 51, 8896-8912.	3.3	5
12	A multi-task embedding based personalized POI recommendation method. CCF Transactions on Pervasive Computing and Interaction, 2021, 3, 253-269.	1.7	3
13	Investigating the Willingness of Sharing Real-Time Daily Activities among Friends. International Journal of Human-Computer Interaction, 2020, 36, 607-620.	3.3	2
14	Weighted multi-information constrained matrix factorization for personalized travel location recommendation based on geo-tagged photos. Applied Intelligence, 2020, 50, 924-938.	3.3	20
15	Few-Shot Learning for Remote Sensing Image Retrieval With MAML. , 2020, , .		6
16	Multi-Label Remote Sensing Image Scene Classification by Combining a Convolutional Neural Network and a Graph Neural Network. Remote Sensing, 2020, 12, 4003.	1.8	48
17	Investigating the User Behaviors of Sharing Health- and Fitness-Related Information Generated by Mi Band on Weibo. International Journal of Human-Computer Interaction, 2019, 35, 773-786.	3.3	7
18	Personalized location recommendation using mobile phone usage information. Applied Intelligence, 2019, 49, 3694-3707.	3.3	17

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19	Deep Multi-Task Learning Based Urban Air Quality Index Modelling. , 2019, 3, 1-17.		17
20	A query execution scheduling scheme for Impala system. Concurrency Computation Practice and Experience, 2018, 30, e4392.	1.4	1
21	Bi-View Semi-Supervised Learning Based Semantic Human Activity Recognition Using Accelerometers. IEEE Transactions on Mobile Computing, 2018, 17, 1991-2001.	3.9	33
22	Semisupervised Prior Free Rare Category Detection With Mixed Criteria. IEEE Transactions on Cybernetics, 2018, 48, 115-126.	6.2	5
23	Pseudonym changing strategy with multiple mix zones for trajectory privacy protection in road networks. International Journal of Communication Systems, 2018, 31, e3437.	1.6	66
24	AROMA. , 2018, 2, 1-16.		93
25	Query grouping-based multi-query optimization framework for interactive SQL query engines on Hadoop. Concurrency Computation Practice and Experience, 2018, 30, e4676.	1.4	4
26	A Comparative Study of Map Exploration Interfaces for Multi-Touch Tabletops. International Journal of Human-Computer Interaction, 2017, 33, 677-691.	3.3	0
27	A temporal-aware POI recommendation system using context-aware tensor decomposition and weighted HITS. Neurocomputing, 2017, 242, 195-205.	3.5	40
28	Logical query optimization for Cloudera Impala system. Journal of Systems and Software, 2017, 125, 35-46.	3.3	5
29	Uncertainty Visualization for Mobile and Wearable Devices Based Activity Recognition Systems. International Journal of Human-Computer Interaction, 2017, 33, 151-163.	3.3	5
30	D-Ocean: an unstructured data management system for data ocean environment. Frontiers of Computer Science, 2016, 10, 353-369.	1.6	12
31	Smartphone-based activity recognition independent of device orientation and placement. International Journal of Communication Systems, 2016, 29, 2403-2415.	1.6	28
32	Understanding User Behavior of Asking Location-Based Questions on Microblogs. International Journal of Human-Computer Interaction, 2016, 32, 544-556.	3.3	1
33	Chinese-Based Spearcons: Improving Pedestrian Navigation Performance in Eyes-Free Environment. International Journal of Human-Computer Interaction, 2016, 32, 460-469.	3.3	7
34	An Interpretable Orientation and Placement Invariant Approach for Smartphone Based Activity Recognition. , 2015, , .		4
35	Travel Recommendation Using Geo-tagged Photos in Social Media for Tourist. Wireless Personal Communications, 2015, 80, 1347-1362.	1.8	152
36	A Study on Automatic Classification of Users' Desktop Interactions. Cybernetics and Systems, 2015, 46, 320-341.	1.6	6

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37	Partition-based range query for uncertain trajectories in road networks. <i>Geoinformatica</i> , 2015, 19, 61-84.	2.0	10
38	Right mix of speech and non-speech: hybrid auditory feedback in mobility assistance of the visually impaired. <i>Universal Access in the Information Society</i> , 2015, 14, 527-536.	2.1	6
39	Isophote Based Center-Surround Contrast Computation for Image Saliency Detection. <i>IEICE Transactions on Information and Systems</i> , 2014, E97.D, 160-163.	0.4	1
40	Constructing Adaptive Indoor Radio Maps for Dynamic Wireless Environments. , 2013, , .		1
41	Your Way Your Missions: A Location-Aware Pervasive Game Exploiting the Routes of Players. <i>International Journal of Human-Computer Interaction</i> , 2013, 29, 110-128.	3.3	13
42	A context-aware personalized travel recommendation system based on geotagged social media data mining. <i>International Journal of Geographical Information Science</i> , 2013, 27, 662-684.	2.2	183
43	Hand posture recognition and tracking based on Bag-of-Words for human robot interaction. , 2011, , .		4
44	BUILDING USER TASK SPACE BY MINING TEMPORALLY PROXIMATE DESKTOP ACTIONS. <i>Cybernetics and Systems</i> , 2011, 42, 585-604.	1.6	3
45	Personal continuous route pattern mining. <i>Journal of Zhejiang University: Science A</i> , 2009, 10, 221-231.	1.3	2
46	A Speeded-Up Local Descriptor for dense stereo matching. , 2009, , .		2
47	Predict Personal Continuous Route. , 2008, , .		11
48	Efficient k-Nearest-Neighbor Search Algorithms for Historical Moving Object Trajectories. <i>Journal of Computer Science and Technology</i> , 2007, 22, 232-244.	0.9	25
49	Collaboration upon Heterogeneous Platforms $\hat{\lambda}_i$ from Desktop PC to Handheld Device. , 2006, , .		1
50	Effects of Local-Lag Mechanism on Task Performance in a Desktop CVE System. <i>Journal of Computer Science and Technology</i> , 2005, 20, 396-401.	0.9	11
51	A conference control protocol for small scale video conferencing system. , 2005, , .		1
52	A simple 3D face tracking method based on depth information. , 2005, , .		2
53	An Adaptive Consistency Maintenance Approach for Replicated Continuous Applications. , 0, , .		2
54	Character-based consistency maintenance in Web-based real-time cooperative edit system. , 0, , .		1

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55	Modeling versions in Web-based real-time cooperative edit system. , 0, , .		1
56	Stereo camera system and its application in networked virtual environment. , 0, , .		0
57	A fuzzy grouping mechanism for distributed interactive simulation. , 0, , .		3
58	Echo: A method to improve the task performance of CVEs. , 0, , .		0