

Hui Tian

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

424
citations

1039406

9
h-index

996533

15
g-index

71
all docs

71
docs citations

71
times ranked

336
citing authors

#	ARTICLE	IF	CITATIONS
1	RandomWalk Routing for Wireless Sensor Networks. , 2005, , .		40
2	PCA-based network Traffic anomaly detection. Tsinghua Science and Technology, 2016, 21, 500-509.	4.1	39
3	Improving k-anonymity based privacy preservation for collaborative filtering. Computers and Electrical Engineering, 2018, 67, 509-519.	3.0	28
4	Effective Reconstruction of Data Perturbed by Random Projections. IEEE Transactions on Computers, 2012, 61, 101-117.	2.4	25
5	Privacy-Preserving Tuple Matching in Distributed Databases. IEEE Transactions on Knowledge and Data Engineering, 2009, 21, 1767-1782.	4.0	24
6	Random Walk Routing in WSNs with Regular Topologies. Journal of Computer Science and Technology, 2006, 21, 496-502.	0.9	15
7	Truth finding by reliability estimation on inconsistent entities for heterogeneous data sets. Knowledge-Based Systems, 2020, 187, 104828.	4.0	13
8	Maximizing Networking Lifetime in Wireless Sensor Networks with Regular Topologies. , 2008, , .		12
9	An Optimal Coverage Scheme for Wireless Sensor Network. Lecture Notes in Computer Science, 2005, , 722-730.	1.0	11
10	Weighted Ensemble Classification of Multi-label Data Streams. Lecture Notes in Computer Science, 2017, , 551-562.	1.0	11
11	Privacy-Preserving Ranked Fuzzy Keyword Search over Encrypted Cloud Data. , 2013, , .		10
12	A Hybrid Network Traffic Prediction Model Based on Optimized Neural Network. , 2017, , .		10
13	Achieving Probabilistic Anonymity in a Linear and Hybrid Randomization Model. IEEE Transactions on Information Forensics and Security, 2016, 11, 2187-2202.	4.5	9
14	An efficient method for privacy-preserving trajectory data publishing based on data partitioning. Journal of Supercomputing, 2020, 76, 5276-5300.	2.4	9
15	An energy-saving routing algorithm for opportunity networks based on asynchronous sleeping mode. Computers and Electrical Engineering, 2021, 92, 107088.	3.0	9
16	Diffusion Wavelets-Based Analysis on Traffic Matrices. , 2011, , .		8
17	On-demand data broadcast with deadlines for avoiding conflicts in wireless networks. Journal of Systems and Software, 2015, 103, 118-127.	3.3	8
18	Low-energy dynamic clustering scheme for multi-layer wireless sensor networks. Computers and Electrical Engineering, 2021, 91, 107093.	3.0	8

#	ARTICLE	IF	CITATIONS
19	Multicast-based inference for topology and network-internal loss performance from end-to-end measurements. <i>Computer Communications</i> , 2006, 29, 1936-1947.	3.1	7
20	Maximizing network lifetime in wireless sensor networks with regular topologies. <i>Journal of Supercomputing</i> , 2014, 69, 512-527.	2.4	7
21	Hamming Distance and Hop Count Based Classification for Multicast Network Topology Inference. , 0, , .		6
22	An improved algorithm for multicast topology discovery from end-to-end measurements. <i>International Journal of Communication Systems</i> , 2006, 19, 935-953.	1.6	6
23	Reconstructing Data Perturbed by Random Projections When the Mixing Matrix Is Known. <i>Lecture Notes in Computer Science</i> , 2009, , 334-349.	1.0	6
24	New methods for network traffic matrix estimation based on a probability model. , 2011, , .		5
25	Study on a New Model for Network Traffic Matrix Estimation. , 2014, , .		5
26	Diffusion wavelet-based analysis on traffic matrices by different diffusion operators. <i>Computers and Electrical Engineering</i> , 2014, 40, 1874-1882.	3.0	5
27	Variational Deep Collaborative Matrix Factorization for Social Recommendation. <i>Lecture Notes in Computer Science</i> , 2019, , 426-437.	1.0	5
28	Privacy-Preserving Trajectory Data Publishing by Dynamic Anonymization with Bounded Distortion. <i>ISPRS International Journal of Geo-Information</i> , 2021, 10, 78.	1.4	5
29	Two-Phase Layered Learning Recommendation via Category Structure. <i>Lecture Notes in Computer Science</i> , 2014, , 13-24.	1.0	5
30	Energy Balanced Data Gathering in WSNs with Grid Topologies. , 2008, , .		4
31	Energy-efficient cooperative MIMO routing in wireless sensor networks. , 2012, , .		4
32	Efficient Approximation Algorithm for Data Retrieval with Conflicts in Wireless Networks. , 2013, , .		4
33	Diffusion Wavelet-Based Anomaly Detection in Networks. , 2016, , .		4
34	Discover multicast network internal characteristics based on hamming distance. , 0, , .		3
35	Scheduling Parallel Data Retrievals for Non-consecutive Broadcast in MIMO Wireless Networks. , 2012, , .		3
36	A Clustering Algorithm Based on Density-Grid for Stream Data. , 2012, , .		3

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37	Comparison on Network Simulation Techniques. , 2016, , .		3
38	Efficient Algorithms for VM Placement in Cloud Data Centers. , 2017, , .		3
39	An improved MCB localization algorithm based on weighted RSSI and motion prediction. Computer Science and Information Systems, 2020, 17, 779-794.	0.7	3
40	Anomaly detection and localization by diffusion wavelet-based analysis on traffic matrix. Computer Science and Information Systems, 2015, 12, 1361-1374.	0.7	3
41	TOM: A Threat Operating Model for Early Warning of Cyber Security Threats. Lecture Notes in Computer Science, 2019, , 696-711.	1.0	3
42	Anomaly Detection by Diffusion Wavelet-Based Analysis on Traffic Matrix. , 2014, , .		2
43	Diffusion Wavelet-based Privacy Preserving in social networks. Computers and Electrical Engineering, 2018, 67, 415-424.	3.0	2
44	Achieving Probabilistic Anonymity Against One-to-Multiple Linkage Attacks. , 2013, , .		1
45	Clustering Subtrajectories of Moving Objects Based on a Distance Metric with Multi-dimensional Weights. , 2014, , .		1
46	Study on Network Anomaly Localization Techniques. , 2016, , .		1
47	An Improved (k,p,l)-Anonymity Method for Privacy Preserving Collaborative Filtering. , 2017, , .		1
48	Betweenness Centrality Based k-Anonymity for Privacy Preserving in Social Networks. , 2018, , .		1
49	Improved Ensemble Classification for Evolving Data Streams. IEEE Intelligent Systems, 2022, 37, 38-50.	4.0	1
50	Lossy Link Identification for Multicast Network. Lecture Notes in Computer Science, 2004, , 416-419.	1.0	1
51	Dynamically Maintaining Duplicate-Insensitive and Time-Decayed Sum Using Time-Decaying Bloom Filter. Lecture Notes in Computer Science, 2009, , 741-750.	1.0	1
52	Probability-model based network traffic matrix estimation. Computer Science and Information Systems, 2014, 11, 309-320.	0.7	1
53	An Efficient Content Delivery Algorithm for Intermittently Connected Mobile Ad Hoc Networks. , 2010, , .		0
54	On Robust Multicast in Multi-channel Multi-radio Wireless Mesh Networks. , 2012, , .		0

#	ARTICLE	IF	CITATIONS
55	Multi-resolution Analysis on Traffic Matrix by Different Diffusion Operators. , 2013, , .		0
56	Using Symmetry Dicke State as Security Detection Particle in Quantum "Ping-Pong" Protocol. , 2014, , .		0
57	Privacy Preservation for Network Traffic Classification. , 2019, , .		0
58	A New Setup of the CISPR 25 ALSE Performance Validation from 30 MHz to 200 MHz. , 2019, , .		0
59	Foreword to the Special Section on Parallel and Distributed Computing, Applications and Technologies. Concurrency Computation Practice and Experience, 2019, 31, e5409.	1.4	0
60	Stochastic allocation strategy for irregular arrays based on geometric feature control. International Journal of Distributed Sensor Networks, 2020, 16, 155014772092177.	1.3	0
61	Promising techniques for anomaly detection on network traffic. Computer Science and Information Systems, 2017, 14, 597-609.	0.7	0
62	Guest editorial: Parallel computing and applications. Computer Science and Information Systems, 2020, 17, i-ii.	0.7	0