

Hai Zhao

List of Publications by Year in descending order

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98
times ranked

679
citing authors

#	ARTICLE	IF	CITATIONS
1	Leveraging Energy, Latency, and Robustness for Routing Path Selection in Internet of Battlefield Things. IEEE Internet of Things Journal, 2022, 9, 12601-12613.	5.5	4
2	Dynamic Service Migration and Request Routing for Microservice in Multicell Mobile-Edge Computing. IEEE Internet of Things Journal, 2022, 9, 13126-13143.	5.5	19
3	<i>>SDM4IoT</i>; An SDN-Based Multicast Algorithm for Industrial Internet of Things. IEICE Transactions on Communications, 2022, E105.B, 545-556.	0.4	1
4	Power Intelligent Terminal Intrusion Detection Based on Deep Learning and Cloud Computing. Computational Intelligence and Neuroscience, 2022, 2022, 1-14.	1.1	0
5	Distributed Computation Offloading and Trajectory Optimization in Multi-UAV-Enabled Edge Computing. IEEE Internet of Things Journal, 2022, 9, 20096-20110.	5.5	7
6	SDNRCFII: An SDN-Based Reliable Communication Framework for Industrial Internet. IEICE Transactions on Communications, 2022, E105.B, 1508-1518.	0.4	0
7	Deep Transfer Learning for IoT Intrusion Detection. , 2022, , .		4
8	ArvaNet: Deep Recurrent Architecture for PPG-Based Negative Mental-State Monitoring. IEEE Transactions on Computational Social Systems, 2021, 8, 179-190.	3.2	11
9	Attack and Defense Strategy of Distribution Network Cyber-Physical System Considering EV Source-Charge Bidirectionality. Electronics (Switzerland), 2021, 10, 2973.	1.8	0
10	Exploiting Ensemble Learning for Edge-assisted Anomaly Detection Scheme in e-healthcare System. , 2021, , .		2
11	Weakly Secure Coded Caching Scheme for an Eavesdropper Having Prior Knowledge. IEEE Access, 2020, 8, 15565-15575.	2.6	1
12	A Key Node Mining Method Based on Acupoint-Disease Network (ADN): A New Perspective for Exploring Acupoint Specificity. Evidence-based Complementary and Alternative Medicine, 2020, 2020, 1-15.	0.5	3
13	A Fast and Efficient CAD System for Improving the Performance of Malignancy Level Classification on Lung Nodules. IEEE Access, 2020, 8, 40151-40170.	2.6	10
14	A Generative Network Model of the Human Brain Normal Aging Process. Symmetry, 2020, 12, 91.	1.1	2
15	Radiomics model for distinguishing tuberculosis and lung cancer on computed tomography scans. World Journal of Clinical Cases, 2020, 8, 5203-5212.	0.3	26
16	A robust and efficient framework for tubular structure segmentation in chest CT images. Technology and Health Care, 2020, 29, 1-11.	0.5	2
17	Systematic Analysis of a Military Wearable Device Based on a Multi-Level Fusion Framework: Research Directions. Sensors, 2019, 19, 2651.	2.1	40
18	Distributed routing algorithm with dynamic connection partition for mobile <i>ad hoc</i> networks. IET Networks, 2019, 8, 239-245.	1.1	5

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19	Obstructive Sleep Apnea Recognition Based on Multi-Bands Spectral Entropy Analysis of Short-Time Heart Rate Variability. <i>Entropy</i> , 2019, 21, 812.	1.1	11
20	An Adaptive Multi-Homogeneous Sensor Weight Calculation Method for Body Sensor Networks. <i>IEEE Access</i> , 2019, 7, 121629-121644.	2.6	2
21	QSDN-WISE: A New QoS-Based Routing Protocol for Software-Defined Wireless Sensor Networks. <i>IEEE Access</i> , 2019, 7, 61070-61082.	2.6	22
22	Brain Network Modeling Based on Mutual Information and Graph Theory for Predicting the Connection Mechanism in the Progression of Alzheimer's Disease. <i>Entropy</i> , 2019, 21, 300.	1.1	14
23	Differential backpressure routing for single-queue time-varying wireless networks. <i>IET Communications</i> , 2019, 13, 3117-3123.	1.5	2
24	ARG-Based Malignancy Evaluation for Pulmonary Nodule Detection. , 2019, , .		1
25	A Novel Distributed Source Seeking Method Based on Multi-Robots Flocking. , 2019, , .		2
26	Shortest-path-based backpressure routing with single-FIFO queueing in <i>ad hoc</i> networks'. <i>IET Networks</i> , 2019, 8, 339-345.	1.1	0
27	Brain networks modeling for studying the mechanism underlying the development of Alzheimer's disease. <i>Neural Regeneration Research</i> , 2019, 14, 1805.	1.6	7
28	Scheduling for Time-Constrained Big-File Transfer Over Multiple Paths in Cloud Computing. <i>IEEE Transactions on Emerging Topics in Computational Intelligence</i> , 2018, 2, 25-40.	3.4	9
29	Neural network fuzzy control for enhancing the stability performance of quad-rotor helicopter. <i>Transactions of the Institute of Measurement and Control</i> , 2018, 40, 3333-3344.	1.1	5
30	Energy-Efficient and Fault-Tolerant Evolution Models Based on Link Prediction for Large-Scale Wireless Sensor Networks. <i>IEEE Access</i> , 2018, 6, 73341-73356.	2.6	8
31	Internet Anomaly Detection Based on Complex Network Path. <i>IEICE Transactions on Communications</i> , 2018, E101.B, 2397-2408.	0.4	5
32	Using Intuitionistic Fuzzy Set for Anomaly Detection of Network Traffic From Flow Interaction. <i>IEEE Access</i> , 2018, 6, 64801-64816.	2.6	10
33	Modeling and Performance of the IEEE 802.11p Broadcasting for Intra-Platoon Communication. <i>Sensors</i> , 2018, 18, 2971.	2.1	11
34	DTE-SDN: A Dynamic Traffic Engineering Engine for Delay-Sensitive Transfer. <i>IEEE Internet of Things Journal</i> , 2018, 5, 5240-5253.	5.5	29
35	Metanetwork Transmission Model for Predicting a Malaria-Control Strategy. <i>Frontiers in Genetics</i> , 2018, 9, 446.	1.1	0
36	Scheduling algorithms for time-constrained big-file transfers in the Internet of Vehicles. <i>Journal of Communications and Information Networks</i> , 2017, 2, 126-135.	3.5	8

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37	Research on bottleneck-delay in internet based on IP united mapping. Peer-to-Peer Networking and Applications, 2017, 10, 1219-1231.	2.6	2
38	Resource allocation for D2D-enabled inter-vehicle communications in multiplatoons. , 2017, , .		12
39	A novel lung cancer detection algorithm for CADs based on SSP and Level Set. Technology and Health Care, 2017, 25, 345-355.	0.5	5
40	Toward Energy-Efficient and Robust Large-Scale WSNs: A Scale-Free Network Approach. IEEE Journal on Selected Areas in Communications, 2016, 34, 4035-4047.	9.7	38
41	High-performance software control platform designed for the autonomous navigation of quad-rotor helicopter. Advances in Mechanical Engineering, 2016, 8, 168781401666963.	0.8	0
42	Energy-Efficient and Fault-Tolerant Evolution Models for Large-Scale Wireless Sensor Networks: A Complex Networks-Based Approach. , 2015, , .		6
43	A Reliability-Oriented Local-Area Model for Large-Scale Wireless Sensor Networks. Mathematical Problems in Engineering, 2015, 2015, 1-17.	0.6	1
44	Energy-efficient and scalable clustering scheme for wireless sensor networks. , 2015, , .		3
45	An Analytical Approach to Relay Access Delay in Multihop Relay Chain of VANETs. International Journal of Distributed Sensor Networks, 2015, 11, 836106.	1.3	1
46	Extraction and Analysis of Crucial Fraction in Software Networks. International Journal of Software Engineering and Knowledge Engineering, 2014, 24, 617-634.	0.6	5
47	An Improved Task Scheduling Algorithm for Intelligent Control in Tiny Mechanical System. Mathematical Problems in Engineering, 2014, 2014, 1-8.	0.6	2
48	An Improved Fast Flocking Algorithm with Obstacle Avoidance for Multiagent Dynamic Systems. Journal of Applied Mathematics, 2014, 2014, 1-13.	0.4	9
49	Improving controllability of complex networks by rewiring links regularly. , 2014, , .		8
50	Symmetric Preferential Attachment for New Vertices Attaching to Software Networks. New Generation Computing, 2014, 32, 271-296.	2.5	5
51	Performance Analysis of IEEE 802.11p DCF for Inter-Platoon Communications with Autonomous Vehicles. , 2014, , .		0
52	Energy-Efficient and Fault-Tolerant Evolution Models for Large-Scale Wireless Sensor Networks: A Complex Networks-Based Approach. , 2014, , .		0
53	Webit&NEU: An Embedded Device for the Internet of Things. International Journal of Distributed Sensor Networks, 2014, 10, 839540.	1.3	6
54	Research on Reliability-Oriented Data Fusion Aggregation Algorithm in Large-Scale Probabilistic Wireless Sensor Networks. International Journal of Distributed Sensor Networks, 2014, 10, 739102.	1.3	0

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55	Medium Access Control for QoS Provisioning in Vehicle-to-Infrastructure Communication Networks. Mobile Networks and Applications, 2013, 18, 174-185.	2.2	7
56	Community detection based reference points clustering for indoor localization in WLAN. , 2013, , .		1
57	Selectively iterative particle filtering and its applications for target tracking in WSNs. , 2013, , .		1
58	An unified QoS-aware rate control scheme in vehicular WiFi networks. , 2013, , .		0
59	Neighbor vector centrality of complex networks based on neighbors degree distribution. European Physical Journal B, 2013, 86, 1.	0.6	15
60	Systolic blood pressure estimation using Android smart phones. , 2013, , .		5
61	Explicit rate based transmission control in vehicle to infrastructure communications. , 2013, , .		1
62	VSLP: Voronoi-socialspot-aided packet forwarding protocol with receiver Location Privacy in MSNs. , 2012, , .		1
63	A busy tone based medium access control scheme over vehicle-to-infrastructure communication networks. , 2011, , .		1
64	Using the k-core decomposition to analyze the static structure of large-scale software systems. Journal of Supercomputing, 2010, 53, 352-369.	2.4	68
65	A platform of software network measurement design and implement. , 2010, , .		1
66	A new linear-time component-labeling algorithm. , 2010, , .		1
67	Metrics on Software Networks Based on Deviation of Characteristic Values. , 2010, , .		0
68	The Mechanism and Performance Comparison of Two Wireless Sensor Network Operating System Kernels. , 2009, , .		0
69	A Reliable Multi-path Routing Protocol in Wireless Sensor Network Design and Implementation. , 2009, , .		5
70	The K-Core Decomposition and Visualization of Internet Router-Level Topology. , 2009, , .		4
71	Research on run-time overhead of RM and improvement. Frontiers of Electrical and Electronic Engineering in China: Selected Publications From Chinese Universities, 2009, 4, 186-192.	0.6	0
72	An Optimization Model for IO Jitter in Device-Level RTOS. , 2009, , .		1

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73	The Design and Implementation of the Complex Network Three-Dimensional Genetic Topology Generator. , 2009, , .		1
74	One immunization strategy of complex networks. , 2008, , .		1
75	A Multi-Channel Token Ring Protocol for Inter-Vehicle Communications. , 2008, , .		9
76	A Fixed Clustering Hierarchy Arithmetic Based on Energy Prediction for Wireless Sensor Networks. , 2008, , .		4
77	The study on characteristics of the coreness of router-level internet nodes. , 2008, , .		0
78	The Study on Fractals of Internet Router-level Topology. , 2008, , .		3
79	On the internet AS-level topology evolution basing on hierarchy characteristic. , 2008, , .		1
80	Correctness of Sampling Bias on Internet Router-Level Topology. , 2008, , .		0
81	Visualization and Cognition of Large-Scale Software Structure Using the k-Core Analysis. , 2008, , .		7
82	An Energy Prediction Clustering Hierarchy for Wireless Sensor Networks. , 2007, , .		1
83	An Adaptive Classified Data Aggregation Arithmetic for Wireless Sensor Networks. , 2007, , .		1
84	Research on Locating Unit Initial Sensitivity. , 2007, , .		0
85	Multi Nodes Cooperative Sensing Based on Grade Field in Wireless Sensor Networks. , 2007, , .		0
86	Multiple Sink Nodes' Deployment Based on PMP in WSNs. , 2007, , .		2
87	Research on reference nodes placement and selection of ubiquitous computing locating service. Frontiers of Electrical and Electronic Engineering in China: Selected Publications From Chinese Universities, 2007, 2, 13-22.	0.6	2
88	A Coverage-Preserving Node Scheduling Scheme Based on Trust Selection Model in Wireless Sensor Networks. , 2006, , .		2
89	The effect of Internet separation degree time sensitivity on transmission. Frontiers of Electrical and Electronic Engineering in China: Selected Publications From Chinese Universities, 2006, 1, 325-329.	0.6	0
90	An Improved Algorithm for Reducing Bayesian Network Inference complexity. , 2006, , .		1

#	ARTICLE	IF	CITATIONS
91	An embedded Web server for equipment. , 2004, , .		29
92	EWS: Providing internet connectivity for non-PC devices. , 0, , .		4
93	An improved Bayes fusion algorithm with the Parzen window method. , 0, , .		1
94	Research and implementation of VLAN based on service. , 0, , .		4
95	Webit: a minimum and efficient internet server for non-PC devices. , 0, , .		7
96	The embedded internet technology based on a real-time kernel for non-PC devices. , 0, , .		7
97	Preemptive Behavior Analysis and Improvement of Priority Scheduling Algorithms. , 0, , .		1
98	An Efficient EWS for Non-PC Device. , 0, , .		0