

Toshiaki Miyazaki

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

765
citations

1307594

7
h-index

1588992

8
g-index

42
all docs

42
docs citations

42
times ranked

1102
citing authors

#	ARTICLE	IF	CITATIONS
1	Traffic and Computation Co-Offloading With Reinforcement Learning in Fog Computing for Industrial Applications. IEEE Transactions on Industrial Informatics, 2019, 15, 976-986.	11.3	167
2	Green Resource Allocation Based on Deep Reinforcement Learning in Content-Centric IoT. IEEE Transactions on Emerging Topics in Computing, 2020, 8, 781-796.	4.6	160
3	Traffic-Aware Geo-Distributed Big Data Analytics with Predictable Job Completion Time. IEEE Transactions on Parallel and Distributed Systems, 2017, 28, 1785-1796.	5.6	57
4	Jamming and Eavesdropping Defense in Green Cyber-Physical Transportation Systems Using a Stackelberg Game. IEEE Transactions on Industrial Informatics, 2018, 14, 4232-4242.	11.3	56
5	Evolution of Software-Defined Sensor Networks. , 2013, , .		48
6	Strategic Antieavesdropping Game for Physical Layer Security in Wireless Cooperative Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 9448-9457.	6.3	40
7	A software defined wireless sensor network. , 2014, , .		36
8	FedGraph: Federated Graph Learning With Intelligent Sampling. IEEE Transactions on Parallel and Distributed Systems, 2022, 33, 1775-1786.	5.6	32
9	Trajectory and Data Planning for Mobile Relay to Enable Efficient Internet Access after Disasters. , 2015, , .		30
10	Antieavesdropping With Selfish Jamming in Wireless Networks: A Bertrand Game Approach. IEEE Transactions on Vehicular Technology, 2017, 66, 6268-6279.	6.3	25
11	Minimum-energy reprogramming with guaranteed quality-of-sensing in software-defined sensor networks. , 2014, , .		14
12	QoE-Based Big Data Analysis with Deep Learning in Pervasive Edge Environment. , 2018, , .		14
13	Optimal transmission strategy for sensors to defend against eavesdropping and jamming attacks. , 2017, , .		11
14	Resilient information management system for disaster situations. , 2017, , .		9
15	QoE-Driven Joint Resource Allocation for Content Delivery in Fog Computing Environment. , 2018, , .		9
16	Relay placement for latency minimization in delay tolerant networks. , 2015, , .		6
17	Hardware Accelerator for BLAST. , 2012, , .		5
18	Online Scheduling of Mobile Stations for Disaster Management. , 2016, , .		5

#	ARTICLE	IF	CITATIONS
19	Programmable wireless sensor node featuring low-power FPGA and microcontroller. , 2013, , .		4
20	Big Data Synchronization among Isolated Data Servers in Disaster. , 2017, , .		4
21	Stochastic analysis on epidemic dissemination of lifetime-controlled messages in DTNs. , 2013, , .		3
22	Trajectory and Data Planning for Mobile Relay to Enable Efficient Internet Access after Disasters. , 2014, , .		3
23	Demand-Addressable Sensor Network: Toward Large-Scale Active Information Acquisition. IEEE Sensors Journal, 2016, 16, 7421-7432.	4.7	3
24	A DTN routing algorithm adopting the "Community" and "Centrality" parameters used in social networks. , 2018, , .		3
25	Privacy-preserving Payment Channel Networks using Trusted Execution Environment. , 2020, , .		3
26	In-Network Aggregation for Privacy-Preserving Federated Learning. , 2021, , .		3
27	Effective Sensing Function Allocation Using a Distributed Graph Coloring and a Slot Allocation Algorithm in Wireless Sensor Networks. , 2009, , .		2
28	Decentralized Multi-sink Data Transfer Protocol for Wireless Sensor Networks. , 2011, , .		2
29	Deactivation-controlled epidemic routing in disruption tolerant networks with multiple sinks. , 2014, , .		2
30	Grouping Strategy for RFID-Based Activity Recognition in Smart Home. , 2019, , .		2
31	Array processor featuring an effective FIFO-based data stream management. , 2008, , .		1
32	A Function Alternation Algorithm for Wireless Sensor Networks. , 2010, , .		1
33	Robust Wireless Sensor Network Featuring Automatic Function Alternation. , 2011, , .		1
34	Simultaneous Estimation of the Number of Humans and their Movement Loci in a Room Using Infrared Sensors. , 2012, , .		1
35	ReSNE: Reconfigurable sensor network emulator virtualizing integrated large-scale sensor network. , 2016, , .		1
36	Formal approach to produce verified programs for wireless sensor nodes. , 2016, , .		1

#	ARTICLE	IF	CITATIONS
37	Traffic-aware task placement with guaranteed job completion time for geo-distributed big data. , 2017, , .		1
38	Coping with the Complexity of SOA Systems with Message Forensics. , 2012, , .		0
39	Hardware Implementation of Accumulated Value Calculation for Two-Dimensional Continuous Dynamic Programming. , 2012, , .		0
40	Movement path estimation for multiple humans in a room using binary infrared sensors. , 2013, , .		0
41	Cooperation of Mobile Devices for Fast Inference of Deep Learning Applications. Mobile Networks and Applications, 2019, 26, 1243.	3.3	0
42	A Fast Algorithm for Liquid Voting on Blockchain. IEICE Transactions on Information and Systems, 2021, E104.D, 1163-1171.	0.7	0