

Cristiano Tapparello

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

729
citations

1478280

6
h-index

1474057

9
g-index

26
all docs

26
docs citations

26
times ranked

885
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimal Wireless Information and Power Transfer Using Deep Q-Network. Wireless Power Transfer, 2021, 2021, 1-12.	0.9	6
2	Initial Feasibility of the "Families Moving Forward Connect" Mobile Health Intervention for Caregivers of Children With Fetal Alcohol Spectrum Disorders: Mixed Method Evaluation Within a Systematic User-Centered Design Approach. JMIR Formative Research, 2021, 5, e29687.	0.7	8
3	Computational Offloading for Energy Constrained Devices in Multi-Hop Cooperative Networks. IEEE Transactions on Mobile Computing, 2020, 19, 60-73.	3.9	18
4	LoRa vs. WiFi Ad Hoc: A Performance Analysis and Comparison. , 2020, , .		14
5	Performance Evaluation of WiFi Direct Multi Hop Ad-Hoc Networks. , 2020, , .		3
6	A Mobile Health Intervention for Fetal Alcohol Spectrum Disorders (Families Moving Forward) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 UHealth, 2020, 8, e14721.	1.8	16
7	Infrastructure vs. Multi-Hop D2D Networks: Availability and Performance Analysis. , 2019, , .		1
8	MAC-LEAP: Multi-antenna, cross layer, energy adaptive protocol. Ad Hoc Networks, 2019, 83, 91-110.	3.4	5
9	Energy-Harvesting Wireless Sensor Networks (EH-WSNs). ACM Transactions on Sensor Networks, 2018, 14, 1-50.	2.3	247
10	Reducing Delay in Group Reformation in WiFi Direct Networks Through Redundancy. , 2018, , .		9
11	JumboNet Elephant Tracking Using Delay-Tolerant Routing with Multiple Sinks. , 2018, , .		1
12	Water Quality Monitoring Using Wireless Sensor Networks. ACM Transactions on Sensor Networks, 2017, 13, 1-41.	2.3	178
13	Enabling multi-hop ad hoc networks through WiFi Direct multi-group networking. , 2017, , .		44
14	Reinforcement learning in MIMO wireless networks with energy harvesting. , 2017, , .		13
15	Design of a low-frequency linear motion testbed for electromagnetic kinetic energy harvesters in JumboNet. , 2017, , .		0
16	Maintaining Connectivity in Ad Hoc Networks Through WiFi Direct. , 2017, , .		14
17	Mobile to Mobile Computational Offloading in Multi-Hop Cooperative Networks. , 2016, , .		6
18	Design of a Kinetic Energy Harvester for Elephant Mounted Wireless Sensor Nodes of JumboNet. , 2016, , .		12

#	ARTICLE	IF	CITATIONS
19	Developing Medical Condition Management Applications Using Manage My Condition. , 2016, , .		1
20	Manage My Condition: A Standard Framework for the Development of Cloud-Based Medical Condition Management Applications. , 2016, , .		0
21	Transmitter-receiver energy efficiency: A trade-off in MIMO wireless sensor networks. , 2015, , .		6
22	Open source suites for underwater networking: WOSS and DESERT underwater. IEEE Network, 2014, 28, 38-46.	4.9	37
23	Energy harvesting framework for network simulator 3 (ns-3). , 2014, , .		19
24	Dynamic Compression-Transmission for Energy-Harvesting Multihop Networks With Correlated Sources. IEEE/ACM Transactions on Networking, 2014, 22, 1729-1741.	2.6	47
25	Extending volunteer computing through mobile ad hoc networking. , 2014, , .		24