Erico LeÃ£o

List of Publications by Year
in descending order

13 papers	64 citations	1937685 4 h-index	1872680 6 g-index
13 all docs	13 docs citations	13 times ranked	57 citing authors

#	Article	IF	Citations
1	Data-driven Bottom-up Cluster-tree Formation based on the IEEE 802.15.4/ZigBee Protocols. , 2021, , .		0
2	Dynamic Reconfiguration of Cluster-Tree Wireless Sensor Networks to Handle Communication Overloads in Disaster-Related Situations. Sensors, 2020, 20, 4707.	3.8	9
3	A New Association Scheme for Handling Node Mobility in Cluster-Tree Wireless Sensor Networks. Sensors, 2020, 20, 5694.	3.8	1
4	Hierarchical Topology Formation in Large-Scale IEEE 802.15.4 Wireless Sensor Networks. , 2019, , .		2
5	An Efficient Mechanism to Improve Convergecast Traffic in Cluster-tree Wireless Sensor Networks Based on IEEE 802.15.4. , 2019, , .		1
6	A Hybrid Beacon Scheduling Scheme to Allow the Periodic Reconfiguration of Large-scale Cluster-tree WSNs. , 2018, , .		1
7	An Advanced Battery Model for WSN Simulation in Environments With Temperature Variations. IEEE Sensors Journal, 2018, 18, 8179-8191.	4.7	10
8	CT-SIM: A simulation model for wide-scale cluster-tree networks based on the IEEE 802.15.4 and ZigBee standards. International Journal of Distributed Sensor Networks, 2017, 13, 155014771769847.	2.2	12
9	Superframe Duration Allocation Schemes to Improve the Throughput of Cluster-Tree Wireless Sensor Networks. Sensors, 2017, 17, 249.	3.8	19
10	Alternative Path Communication in Wide-Scale Cluster-Tree Wireless Sensor Networks Using Inactive Periods. Sensors, 2017, 17, 1049.	3.8	4
11	An allocation scheme for IEEE 802.15.4-ZigBee cluster-tree networks. , 2016, , .		1
12	An opportunistic approach to deal with real-time mesh communication in wireless sensor networks. , 2014, , .		1
13	Evaluation of the use of computational intelligence techniques in medical claim processes of a health insurance company. , 2013, , .		3