

Erico Leão

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

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1937685

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1872680

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all docs

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docs citations

13
times ranked

57
citing authors

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