Leonardo J Valdivia

List of Publications by Year
in descending order

13 papers	89 citations	1478505 6 h-index	1474206 9 g-index
15 all docs	15 docs citations	15 times ranked	104 citing authors

#	Article	IF	Citations
1	Smart Campus: An Experimental Performance Comparison of Collaborative and Cooperative Schemes for Wireless Sensor Network. Energies, 2019, 12, 3135.	3.1	28
2	An Energy Model Using Sleeping Algorithms for Wireless Sensor Networks under Proactive and Reactive Protocols: A Performance Evaluation. Energies, 2020, 13, 3024.	3.1	14
3	Cybersecurity-The Forgotten Issue in Railways: Security Can Be Woven into Safety Designs. IEEE Vehicular Technology Magazine, 2018, 13, 48-55.	3.4	10
4	Fuel-cell energy generation system based on the series-capacitor boost converter. International Journal of Hydrogen Energy, 2021, 46, 26126-26137.	7.1	8
5	ETCSâ€™s Eurobalise-BTM and Euroloop-LTM Airgap Noise and Interferences Review. Lecture Notes in Computer Science, 2016, , 27-39.	1.3	7
6	Performance Metric Analysis for a Jamming Detection Mechanism under Collaborative and Cooperative Schemes in Industrial Wireless Sensor Networks. Sensors, 2022, 22, 178.	3.8	7
7	Virtual Laboratory for On-board ETCS Equipment. , 2015, , .		5
8	Energy-efficiency Model for a Smart Building: A Real Application. , 2020, , .		3
9	Development of an Advanced Laboratory for ETCS Applications. Transportation Research Procedia, 2016, 14, 1894-1903.	1.5	2
10	Coexistence of safety and security: Synchronized redundant system with security enhancements. Quality and Reliability Engineering International, 2019, 35, 561-571.	2.3	2
11	Remotely Vital Signs Capturer for Older Adults Applied in Residential Zones. IEEE Consumer Electronics Magazine, 2022, , 1-1.	2.3	1
12	Channel Characterization and SC-FDM Modulation for PLC in High-Voltage Power Lines. Future Internet, 2022, 14, 139.	3.8	1
13	Virtual testing of the on-board ETCS with GNSS based Train integrity determination. , 2017, , .		0