

Lorenzo Parri

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1715501/publications.pdf>

Version: 2024-02-01

16
papers

175
citations

1478505

6
h-index

1474206

9
g-index

17
all docs

17
docs citations

17
times ranked

162
citing authors

#	ARTICLE	IF	CITATIONS
1	Low Power Wide Area Networks (LPWAN) at Sea: Performance Analysis of Offshore Data Transmission by Means of LoRaWAN Connectivity for Marine Monitoring Applications. <i>Sensors</i> , 2019, 19, 3239.	3.8	38
2	Offshore LoRaWAN Networking: Transmission Performances Analysis Under Different Environmental Conditions. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021, 70, 1-10.	4.7	20
3	A LoRaWAN Network Infrastructure for the Remote Monitoring of Offshore Sea Farms. , 2020, , .		19
4	An IoT Framework for the Pervasive Monitoring of Chemical Emissions in Industrial Plants. , 2018, , .		18
5	A wearable Low-cost Measurement System for Estimation of Human Exposure to Vibrations. , 2019, , .		12
6	Designing a Reliable and Low-Latency LoRaWAN Solution for Environmental Monitoring in Factories at Major Accident Risk. <i>Sensors</i> , 2022, 22, 2372.	3.8	12
7	A Characterization System for Bearing Condition Monitoring Sensors, a Case Study with a Low Power Wireless Triaxial MEMS Based Sensor. , 2020, , .		11
8	Smart Sensing in Mobility: a LoRaWAN Architecture for Pervasive Environmental Monitoring. , 2019, , .		10
9	Ion Sensor-Based Measurement Systems: Application to Combustion Monitoring in Gas Turbines. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2020, 69, 1474-1483.	4.7	10
10	On the Suitability of Low-Cost Compact Instrumentation for Blood Impedance Measurements. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2019, 68, 2412-2424.	4.7	8
11	A LoRaWAN Carbon Monoxide Measurement System With Low-Power Sensor Triggering for the Monitoring of Domestic and Industrial Boilers. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021, 70, 1-9.	4.7	6
12	Assessment of LoRaWAN Transmission Systems Under Temperature and Humidity, Gas, and Vibration Aging Effects Within IIoT Contexts. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2022, 71, 1-11.	4.7	5
13	Evaluating the efficiency of enzyme accelerated CO2 capture: chemical kinetics modelling for interpreting measurement results. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2021, 36, 394-401.	5.2	2
14	Ion Current Sensor for Gas Turbine Condition Dynamical Monitoring: Modeling and Characterization. <i>Sensors</i> , 2021, 21, 6944.	3.8	2
15	An Unconventional Type of Measurement with Chemosistive Gas Sensors Exploiting a Versatile Measurement System. , 2017, , .		1
16	A measurement system for the evaluation of efficiency of enzyme accelerated CO2 capture systems based on modeling. , 2020, , .		1