Lorenzo Parri

List of Publications by Year
in descending order

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		1478505	1474206
16	175	6	9
papers	citations	h-index	g-index

17	17	17	162
all docs	docs citations	times ranked	citing authors

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