

Elia Landi

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

127
citations

1684188

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1588992

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all docs

21
docs citations

21
times ranked

98
citing authors

#	ARTICLE	IF	CITATIONS
1	Instantaneous Rotation Speed Measurement System Based on Variable Reluctance Sensors for Torsional Vibration Monitoring. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 2363-2373.	4.7	25
2	An Adaptive Measurement System for the Simultaneous Evaluation of Frequency Shift and Series Resistance of QCM in Liquid. Sensors, 2021, 21, 678.	3.8	13
3	A wearable Low-cost Measurement System for Estimation of Human Exposure to Vibrations. , 2019, , .		12
4	A Characterization System for Bearing Condition Monitoring Sensors, a Case Study with a Low Power Wireless Triaxial MEMS Based Sensor. , 2020, , .		11
5	QCM Measurements in Newtonian Liquids: Problems and Performance Analysis. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-13.	4.7	11
6	Black Powder Flow Monitoring in Pipelines by Means of Multi-Hop LoRa Networks. , 2019, , .		10
7	Instantaneous rotation speed measurement system based on variable reluctance sensors: Model and analysis of performance. , 2018, , .		7
8	Performance Analysis of an AlN Humidity Sensor based on TiO ₂ nanoparticles. , 2019, , .		6
9	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
10	Performance Analysis of a Humidity Sensor based on a micro-resonator functionalized with TiO ₂ nanoparticles. IEEE Transactions on Instrumentation and Measurement, 2020, , 1-1.	4.7	5
11	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
12	An Automatic Battery Recharge and Condition Monitoring System for Autonomous Drones. , 2020, , .		4
13	Magnetic brakes material characterization under accelerated testing conditions. Reliability Engineering and System Safety, 2020, 193, 106614.	8.9	3
14	Modular Test Bed for Magnetic Brakes Characterization And Durability Testing. , 2018, , .		2
15	Distributed IoT system to enhance worker safety in large open areas. , 2021, , .		2
16	NO ₂ photoacoustic sensing system based on resonant cell and UV-LED sensor. , 2021, , .		2
17	Ion Current Sensor for Gas Turbine Condition Dynamical Monitoring: Modeling and Characterization. Sensors, 2021, 21, 6944.	3.8	2
18	Smart Braking Material Wearout Monitoring for Part Life Assessment. , 2019, , .		1

#	ARTICLE	IF	CITATIONS
19	Impedance Measurement Exploited for Anaphylaxis Prediction in Casein Allergic Children. , 2020, , .		0
20	Real Time Car Passengers Comfort Monitoring by means of Environmental and Vibrational Measurements. , 2021, , .		0
21	A Distributed Condition Monitoring System for the Non-invasive Temperature Measurement of Heat Fluids Circulating in Turbomachinery Pipes Based on Self-Powered Sensing Nodes. Lecture Notes in Electrical Engineering, 2019, , 343-348.	0.4	0