

Enza Panzardi

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

274
citations

1039406

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996533

15
g-index

21
all docs

21
docs citations

21
times ranked

239
citing authors

#	ARTICLE	IF	CITATIONS
1	A city-scale IoT architecture for monumental structures monitoring. Measurement: Journal of the International Measurement Confederation, 2019, 131, 349-357.	2.5	38
2	Highly Sensitive Detection of NO ₂ by Au and TiO ₂ Nanoparticles Decorated SWCNTs Sensors. Sensors, 2020, 20, 12.	2.1	31
3	Battery-Less HF RFID Sensor Tag for Soil Moisture Measurements. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-13.	2.4	26
4	A Smart Measurement System With Improved Low-Frequency Response to Detect Moving Charged Debris. IEEE Transactions on Instrumentation and Measurement, 2016, 65, 1874-1883.	2.4	21
5	Co ₃ O ₄ /Al-ZnO Nano-composites: Gas Sensing Properties. Sensors, 2019, 19, 760.	2.1	21
6	RH Sensing by Means of TiO ₂ Nanoparticles: A Comparison among Different Sensing Techniques Based on Modeling and Chemical/Physical Interpretation. Chemosensors, 2020, 8, 89.	1.8	21
7	Measurement System Based on Electrostatic Sensors to Detect Moving Charged Debris With Planar-Isotropic Accuracy. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 837-844.	2.4	14
8	An analysis on the use of LF RFID for the tracking of different typologies of pebbles on beaches. , 2011, , .		13
9	An Adaptive Measurement System for the Simultaneous Evaluation of Frequency Shift and Series Resistance of QCM in Liquid. Sensors, 2021, 21, 678.	2.1	13
10	QCM Measurements in Newtonian Liquids: Problems and Performance Analysis. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-13.	2.4	11
11	Conditioning Circuit for Simultaneous Sensing and Actuation in Piezoelectric MEMS Resonators. , 2019, , .		10
12	Black Powder Flow Monitoring in Pipelines by Means of Multi-Hop LoRa Networks. , 2019, , .		10
13	A clearance measurement system based on on-component multilayer tri-axial capacitive probe. Measurement: Journal of the International Measurement Confederation, 2018, 124, 575-581.	2.5	9
14	An AlN Micromachined Mass Sensor: Modeling and Characterization. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-13.	2.4	9
15	Modeling the Conductivity Response to NO ₂ Gas of Films Based on MWCNT Networks. Sensors, 2021, 21, 4723.	2.1	7
16	Performance Analysis of an AlN Humidity Sensor based on TiO ₂ nanoparticles. , 2019, , .		6
17	The Effect of Au Nanoparticle Addition on Humidity Sensing with Ultra-Small TiO ₂ Nanoparticles. Chemosensors, 2021, 9, 170.	1.8	6
18	NO ₂ Sensing with SWCNT Decorated by Nanoparticles in Temperature Pulsed Mode: Modeling and Characterization. Sensors, 2020, 20, 4729.	2.1	3

#	ARTICLE	IF	CITATIONS
19	Impedance characterization of a QCM-based measurement system in liquid media. , 2021, , .		2
20	NO2 photoacoustic sensing system based on resonant cell and UV-LED sensor. , 2021, , .		2
21	Pervasive Wireless Sensor Networks for the Monitoring of Large Monumental Structures: The Case of the Ancient City Walls of Siena. Lecture Notes in Computer Science, 2016, , 669-678.	1.0	1