Giuseppe Di Leo

List of Publications by Year
in descending order

27 papers	338 citations	1163117 8 h-index	996975 15 g-index
28 all docs	28 docs citations	28 times ranked	418 citing authors

#	Article	IF	Citations
1	The Obtainable Uncertainty for the Frequency Evaluation of Tones with Different Spectral Analysis Techniques. Metrology, 2022, 2, 216-229.	1.5	2
2	A novel image processing technique based on deep learning for water consumption detection. , 2022, , .		2
3	Image Processing Technique for Improving the Sensitivity of Mechanical Register Water Meters to Very Small Leaks. Sensors, 2021, 21, 7251.	3.8	5
4	A Networked Control System for Gas Pipeline Cathodic Protection. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 873-882.	4.7	13
5	Unconventional communication channels for smart sensors networking. , 2020, , .		1
6	A Measurement Software for Professional Training in Early Detection of Melanoma. Applied Sciences (Switzerland), 2020, 10, 4351.	2.5	1
7	Image based similarity detection in mechanical registers. , 2020, , .		1
8	Accurate Measurement of Reciprocating Kinetic Friction Coefficient Through Automatic Detection of the Running-In. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 2398-2407.	4.7	3
9	Smart meters communication using Gas pipelines as channel: feasibility study. , 2019, , .		9
10	Accurate measurement of Kinetic Friction Coefficient by using two types of tribometer. , 2019, , .		1
11	Towards a distributed monitoring system for gas pipeline cathodic protection. , 2018, , .		8
12	A vision system for the online quality monitoring of industrial manufacturing. Optics and Lasers in Engineering, 2017, 89, 162-168.	3.8	42
13	Smart meters and demand response: A double challenge. , 2015, , .		4
14	Machine vision systems for on line quality monitoring in industrial applications. Acta IMEKO (2012), 2015, 4, 121.	0.7	3
15	Online visual inspection of defects in the assembly of electromechanical parts. , 2014, , .		7
16	Illumination design in vision-based measurement systems. , 2013, , .		3
17	White Paper on Industrial Applications of Computer Vision and Pattern Recognition. Lecture Notes in Computer Science, 2013, , 721-730.	1.3	14
18	Pattern Recognition for Defect Detection in Uncontrolled Environment Railway Applications. Lecture Notes in Computer Science, 2013, , 753-757.	1.3	2

#	Article	IF	Citations
19	Smart metering for demand side management. , 2012, , .		20
20	Covariance Propagation for the Uncertainty Estimation in Stereo Vision. IEEE Transactions on Instrumentation and Measurement, 2011, 60, 1664-1673.	4.7	41
21	Epiluminescence Image Processing for Melanocytic Skin Lesion Diagnosis Based on 7-Point Check-List: A Preliminary Discussion on Three Parameters. Open Dermatology Journal, 2010, 4, 110-115.	0.3	25
22	Metrological Characterization of a Vision-Based Measurement System for the Online Inspection of Automotive Rubber Profile. IEEE Transactions on Instrumentation and Measurement, 2009, 58, 4-13.	4.7	39
23	Metrological Performance of Traffic Detection Systems. IEEE Transactions on Instrumentation and Measurement, 2009, 58, 3199-3206.	4.7	9
24	A New Calibration Procedure for 3-D Shape Measurement System Based on Phase-Shifting Projected Fringe Profilometry. IEEE Transactions on Instrumentation and Measurement, 2009, 58, 1291-1298.	4.7	51
25	Towards an automatic diagnosis system for skin lesions: Estimation of blue-whitish veil and regression structures. , 2009, , .		25
26	Metrological Characterization of Traffic Monitoring Systems. , 2007, , .		1
27	Estimating Measurement Uncertainty of Traffic Monitoring Systems. , 2007, , .		1