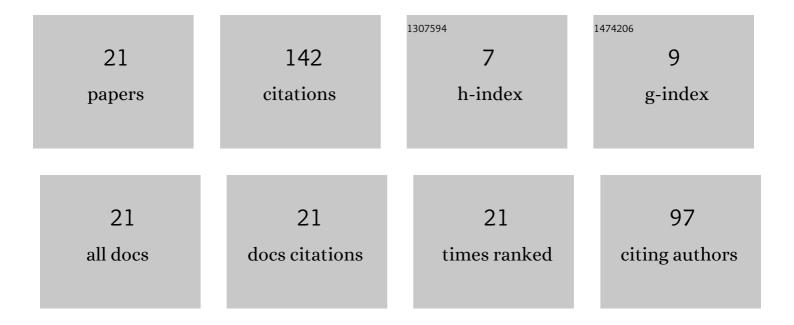
Giulio D'emilia

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6838439/publications.pdf

Version: 2024-02-01



#	Article	IF	CITATIONS
1	Experimental and numerical analysis of the defects induced by the thermoforming process on woven textile thermoplastic composites. Engineering Failure Analysis, 2022, 135, 106093.	4.0	4
2	Non-contact techniques based on a vision system for the inspection of composite material components: analysis of the influence quantities. Journal of Physics: Conference Series, 2022, 2293, 012012.	0.4	0
3	How simplifying a condition monitoring procedure affects its performances. , 2021, , .		2
4	Uncertainty Evaluation in Vision-Based Techniques for the Surface Analysis of Composite Material Components. Sensors, 2021, 21, 4875.	3.8	7
5	Assessment of the measurments contribution on composites thermoforming processes: a case study of an automotive component. , 2020, , .		5
6	Uncertainty assessment for measurement and simulation in selective laser melting: a case study of an aerospace part. Acta IMEKO (2012), 2020, 9, 96.	0.7	13
7	The role of measurement and simulation in additive manufacturing within the frame of Industry 4.0. , 2019, , .		10
8	Mechatronics applications of measurements for smart manufacturing in an industry 4.0 scenario. IEEE Instrumentation and Measurement Magazine, 2019, 22, 35-43.	1.6	11
9	Physical and Metrological Approach for Feature's Definition and Selection in Condition Monitoring. Sensors, 2019, 19, 5186.	3.8	2
10	Calibration test bench for three-axis accelerometers An accurate and low-cost proposal. , 2018, , .		5
11	A proposal of uncertainty assessment for data of environmental testing: Using a machine learning procedure. , 2018, , .		1
12	Metrological interpretation of a six-sigma process for improving the online optical measurement of automotive turbocharger dimensions. Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering, 2015, 229, 261-269.	1.9	9
13	Adjusting a distributed sensor system to the needs of commissioning as an opportunity for reduction of measurement uncertainty. , 2014, , .		0
14	Uncertainty analysis of high frequency image-based vibration measurements. Measurement: Journal of the International Measurement Confederation, 2013, 46, 2630-2637.	5.0	27
15	Validation of a method for composition measurement of a non-standard liquid fuel for Emission Factor evaluation. Measurement: Journal of the International Measurement Confederation, 2011, 44, 18-23.	5.0	10
16	Flow injection absorbance spectra time processing for the determination of Cr(VI) in the presence of Sn(II) as interfering substance. Measurement Science and Technology, 2007, 18, 707-714.	2.6	0
17	Use of neural networks for quick and accurate auto-tuning of PID controller. Robotics and Computer-Integrated Manufacturing, 2007, 23, 170-179.	9.9	35

18 Fiber optic sensor for use in flat dilatometer for geotechnical investigation. , 2004, , .

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#	Article	IF	CITATIONS
19	Online fully automated measurement of Cr(VI) concentration in water by a fiber optic probe: measurement accuracy improvement and evaluation. , 2004, , .		1
20	<title>Prototype of a fiber optic sensor for quick measurement of fiber optic eccentricity</title> . , 2001, 4399, 83.		0
21	A linear, low cost and versatile FM demodulator. Measurement Science and Technology, 1996, 7, 1673-1676.	2.6	0