

Pablo Venegas

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

874
citations

1307594

7
h-index

940533

16
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18
all docs

18
docs citations

18
times ranked

1083
citing authors

#	ARTICLE	IF	CITATIONS
1	Infrared Thermography for Temperature Measurement and Non-Destructive Testing. Sensors, 2014, 14, 12305-12348.	3.8	662
2	Automatic detection of impact damage in carbon fiber composites using active thermography. Infrared Physics and Technology, 2013, 58, 36-46.	2.9	52
3	Feature extraction and analysis for automatic characterization of impact damage in carbon fiber composites using active thermography. NDT and E International, 2013, 54, 123-132.	3.7	41
4	Experimental Validation of a Sliding Mode Control for a Stewart Platform Used in Aerospace Inspection Applications. Mathematics, 2020, 8, 2051.	2.2	25
5	A quantitative comparison of stimulation and post-processing thermographic inspection methods applied to aeronautical carbon fibre reinforced polymer. Quantitative InfraRed Thermography Journal, 2013, 10, 55-73.	4.2	21
6	MANTRA: An Effective System Based on Augmented Reality and Infrared Thermography for Industrial Maintenance. Applied Sciences (Switzerland), 2021, 11, 385.	2.5	19
7	Non-destructive inspection of drilled holes in reinforced honeycomb sandwich panels using active thermography. Infrared Physics and Technology, 2012, 55, 491-498.	2.9	16
8	Automated Detection of Subsurface Defects Using Active Thermography and Deep Learning Object Detectors. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-13.	4.7	8
9	Projected thermal diffusivity analysis for thermographic nondestructive inspections. International Journal of Thermal Sciences, 2018, 124, 251-262.	4.9	7
10	Towards the Automation of Infrared Thermography Inspections for Industrial Maintenance Applications. Sensors, 2022, 22, 613.	3.8	5
11	Advances in RGB Projection Technique for Thermographic NDT: Channels Selection Criteria and Visualization Improvement. International Journal of Thermophysics, 2018, 39, 1.	2.1	4
12	Characterizing Subsurface Rectangular Tilted Heat Sources Using Inductive Thermography. Applied Sciences (Switzerland), 2020, 10, 5444.	2.5	4
13	NDT inspection of aeronautical components by projected thermal diffusivity analysis. Quantitative InfraRed Thermography Journal, 2021, 18, 34-49.	4.2	4
14	Quaternion Processing Techniques for Color Synthesized NDT Thermography. Applied Sciences (Switzerland), 2021, 11, 790.	2.5	3
15	Quality control by infrared thermography of the infusion manufacturing process of composite automotive specimens. Quantitative InfraRed Thermography Journal, 2017, 14, 250-262.	4.2	1
16	Towards automatic defect detection in carbon fiber composites using active thermography. , 2014, , .		1
17	Validation of a Stewart platform inspection system with an artificial neural network controller. Precision Engineering, 2022, 74, 369-381.	3.4	1
18	Infrared Imaging and NDT. Applied Sciences (Switzerland), 2021, 11, 3024.	2.5	0