

Pablo Venegas

List of Publications by Year in descending order

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18
papers

874
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1307594

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940533

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docs citations

18
times ranked

1083
citing authors

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