

Ranjit Shrestha

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

259
citations

1163117

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1281871

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13
all docs

13
docs citations

13
times ranked

141
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of coating thickness by thermal wave imaging: A comparative study of pulsed and lock-in infrared thermography – Part II: Experimental investigation. <i>Infrared Physics and Technology</i> , 2018, 92, 24-29.	2.9	52
2	Evaluation of coating thickness by thermal wave imaging: A comparative study of pulsed and lock-in infrared thermography – Part I: Simulation. <i>Infrared Physics and Technology</i> , 2017, 83, 124-131.	2.9	51
3	Non-destructive testing and evaluation of materials using active thermography and enhancement of signal to noise ratio through data fusion. <i>Infrared Physics and Technology</i> , 2018, 94, 78-84.	2.9	31
4	Application of thermal wave imaging and phase shifting method for defect detection in Stainless steel. <i>Infrared Physics and Technology</i> , 2016, 76, 676-683.	2.9	27
5	Thermographic Inspection of Internal Defects in Steel Structures: Analysis of Signal Processing Techniques in Pulsed Thermography. <i>Sensors</i> , 2020, 20, 6015.	3.8	27
6	Thermographic inspection of water ingress in composite honeycomb sandwich structure: a quantitative comparison among Lock-in thermography algorithms. <i>Quantitative InfraRed Thermography Journal</i> , 2021, 18, 92-107.	4.2	22
7	Wavelet transform applied to lock-in thermographic data for detection of inclusions in composite structures: Simulation and experimental studies. <i>Infrared Physics and Technology</i> , 2019, 96, 98-112.	2.9	16
8	Automated Defect Detection Using Threshold Value Classification Based on Thermographic Inspection. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 7870.	2.5	12
9	A numerical –thermal –thermographic NDT evaluation of an ancient marquetry integrated with X-ray and XRF surveys. <i>Journal of Thermal Analysis and Calorimetry</i> , 2022, 147, 2265-2279.	3.6	8
10	Binarization Mechanism Evaluation for Water Ingress Detectability in Honeycomb Sandwich Structure Using Lock-In Thermography. <i>Materials</i> , 2022, 15, 2333.	2.9	7
11	Thermographic Inspection of CLP Defects on the Subsurface Based on Binary Image. <i>International Journal of Precision Engineering and Manufacturing</i> , 2022, 23, 269-279.	2.2	5
12	Defect detection with thermal imaging and phase shifting methods in lock-in thermography. , 0, , .		1