Bernardo Cassimiro Fonseca de Oliveira

List of Publications by Year
in descending order

12 papers	80 citations	2258059 3 h-index	1720034 7 g-index
12 all docs	12 docs citations	12 times ranked	60 citing authors

#	Article	IF	Citations
1	Impact damage characterization in CFRP samples with self-organizing maps applied to lock-in thermography and square-pulse shearography images. Expert Systems With Applications, 2022, 192, 116297.	7.6	7
2	Employing a U-net convolutional neural network for segmenting impact damages in optical lock-in thermography images of CFRP plates. Nondestructive Testing and Evaluation, 2021, 36, 440-458.	2.1	19
3	Enhanced damage measurement in a metal specimen through the image fusion of tone-burst vibro-acoustography and pulse-echo ultrasound data. Measurement: Journal of the International Measurement Confederation, 2021, 167, 108445.	5.0	2
4	Estimation of Impact Energies in Composites Using an Out-of-Distribution Generalization of Stacked Models Trained with Shearography and Thermography Images. Journal of Nondestructive Evaluation, 2021, 40, 1.	2.4	1
5	Metrological analysis of the three-dimensional reconstruction based on close-range photogrammetry and the fusion of long-wave infrared and visible-light images. Measurement Science and Technology, 2021, 32, 035015.	2.6	1
6	Square-pulse shearography inspections of metallic parts repaired with a glass fiber reinforced polymer using pressure, radiation, vibration, and induction loading methods. International Journal of Pressure Vessels and Piping, 2020, 187, 104187.	2.6	5
7	Improved impact damage characterisation in CFRP samples using the fusion of optical lock-in thermography and optical square-pulse shearography images. NDT and E International, 2020, 111, 102215.	3.7	31
8	Impact damage characterization in CFRP plates using PCA and MEEMD decomposition methods in optical lock-in thermography phase images. , 2019, , .		4
9	A conceptual study of infrared and visible-light image fusion methods for three-dimensional object reconstruction. , 2019, , .		0
10	Defect inspection in stator windings of induction motors based on convolutional neural networks. , 2018, , .		2
11	Development and experimental evaluation of a vision system for detecting defects of stator windings in induction motor assembly lines. , 2018, , .		1
12	Detection of defects in the manufacturing of electric motor stators using vision systems: Electrical connectors. , 2016, , .		7