

Alessandro De Luca

List of Publications by Year in descending order

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16
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97
citing authors

#	ARTICLE	IF	CITATIONS
1	Simulation of Guided Waves in a CFRP Plate at a Specific Temperature. Lecture Notes in Civil Engineering, 2023, , 793-800.	0.4	2
2	Numerical Investigation on Guided Waves Dispersion and Scattering Phenomena in Stiffened Panels. Materials, 2022, 15, 74.	2.9	22
3	Fatigue behavior of hybrid and bonded single lap joints made of composite material. Procedia Structural Integrity, 2022, 41, 631-637.	0.8	3
4	Finite Element Modeling Approaches, Experimentally Assessed, for the Simulation of Guided Wave Propagation in Composites. Sustainability, 2022, 14, 6924.	3.2	11
5	Numerical evaluation of temperature fields and residual stresses in butt weld joints and comparison with experimental measurements. Fatigue and Fracture of Engineering Materials and Structures, 2021, 44, 182-198.	3.4	7
6	Effects of the Surface Finish on Thin Specimens Made by Electron Beam Melting Technology. Macromolecular Symposia, 2021, 396, 2000307.	0.7	10
7	Biocycle between Design and Additive Manufacturing. Macromolecular Symposia, 2021, 396, 2000313.	0.7	1
8	On the Prediction of Guided Wave Dispersion Curves in Plates for Health Monitoring Applications. Macromolecular Symposia, 2021, 396, 2000333.	0.7	6
9	FEM Simulation and Experimental Tests on the SMAW Welding of a Dissimilar T-Joint. Metals, 2021, 11, 1016.	2.3	18
10	Damage Detection in Flat Panels by Guided Waves Based Artificial Neural Network Trained through Finite Element Method. Materials, 2021, 14, 7602.	2.9	26
11	Probabilistic Analysis of Fatigue Behavior of Single Lap Riveted Joints. Applied Sciences (Switzerland), 2020, 10, 3379.	2.5	15
12	Numerical investigation on the residual stresses in welded T-joints made of dissimilar materials. Procedia Structural Integrity, 2019, 24, 800-809.	0.8	3
13	Established Numerical Techniques for the Structural Analysis of a Regional Aircraft Landing Gear. Advances in Materials Science and Engineering, 2018, 2018, 1-21.	1.8	11
14	Numerical-Experimental Assessment of a Hybrid FE-MB Model of an Aircraft Seat Sled Test. International Journal of Aerospace Engineering, 2018, 2018, 1-7.	0.9	7
15	Squeal Frequency of a Railway Disc Brake Evaluation by FE Analyses. Advances in Acoustics and Vibration, 2018, 2018, 1-10.	0.5	6
16	Numerical simulation of LVI test onto composite plates. AIP Conference Proceedings, 2014, , .	0.4	16