

Guido Zucca

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

126
citations

1478505

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1281871

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15
docs citations

15
times ranked

87
citing authors

#	ARTICLE	IF	CITATIONS
1	Vibration Fatigue of FDM 3D Printed Structures: The Use of Frequency Domain Approach. Materials, 2022, 15, 854.	2.9	15
2	CubeSat Spatial Expedition: An Overview From Design To Experimental Verification. IOP Conference Series: Materials Science and Engineering, 2021, 1038, 012026.	0.6	2
3	Spectral analysis of sine-sweep vibration: A fatigue damage estimation method. Mechanical Systems and Signal Processing, 2021, 157, 107698.	8.0	9
4	On the statistical distribution of the maxima of sine on random process. Mechanical Systems and Signal Processing, 2021, 158, 107726.	8.0	1
5	Failure of Jet Engine Fuel Control Unit Originated by Corrosion of Cadmium Coating. Journal of Failure Analysis and Prevention, 2020, 20, 1470-1478.	0.9	2
6	On the Evaluation of Surface Fatigue Strength of a Stainless-Steel Aeronautical Component. Metals, 2019, 9, 455.	2.3	13
7	Virtual qualification of aircraft parts: test simulation or acceptable evidence?. Procedia Structural Integrity, 2019, 24, 526-540.	0.8	5
8	Effects of build orientation on fatigue behavior of Ti-6Al-4V as-built specimens produced by direct metal laser sintering. Procedia Structural Integrity, 2019, 24, 349-359.	0.8	19
9	Piezoresistive dynamic simulations of FDM 3D-Printed embedded strain sensors: a new modal approach. Procedia Structural Integrity, 2019, 24, 390-397.	0.8	7
10	Hard and easy sinterable B4C-TiB2-based composites doped with WC. Journal of the European Ceramic Society, 2018, 38, 3089-3095.	5.7	31
11	The importance of dynamic behaviour of vibrating systems on the response in case of non-Gaussian random excitations. Procedia Structural Integrity, 2018, 12, 224-238.	0.8	9
12	Fatigue Life Estimation of a Military Aircraft Structure subjected to Random Loads. Procedia Structural Integrity, 2018, 12, 183-195.	0.8	6
13	Failure Investigation: in Flight Loss of a Main Landing Gear Door of a Transport Aircraft. Procedia Structural Integrity, 2017, 3, 553-561.	0.8	3
14	Hydrogen Embrittlement and Fatigue Fracture of a Crankshaft of an Internal Combustion Engine. Procedia Engineering, 2015, 109, 202-209.	1.2	4
15	Failure of cargo aileron™s actuator. Frattura Ed Integrita Strutturale, 2014, 8, 409-416.	0.9	0