

# Guido Zucca

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8888970/publications.pdf>

Version: 2024-02-01

15  
papers

126  
citations

1478505

6  
h-index

1281871

11  
g-index

15  
all docs

15  
docs citations

15  
times ranked

87  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hard and easy sinterable B4C-TiB2-based composites doped with WC. Journal of the European Ceramic Society, 2018, 38, 3089-3095.	5.7	31
2	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
3	Vibration Fatigue of FDM 3D Printed Structures: The Use of Frequency Domain Approach. Materials, 2022, 15, 854.	2.9	15
4	On the Evaluation of Surface Fatigue Strength of a Stainless-Steel Aeronautical Component. Metals, 2019, 9, 455.	2.3	13
5	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
6	Spectral analysis of sine-sweep vibration: A fatigue damage estimation method. Mechanical Systems and Signal Processing, 2021, 157, 107698.	8.0	9
7	Piezoresistive dynamic simulations of FDM 3D-Printed embedded strain sensors: a new modal approach. Procedia Structural Integrity, 2019, 24, 390-397.	0.8	7
8	Fatigue Life Estimation of a Military Aircraft Structure subjected to Random Loads. Procedia Structural Integrity, 2018, 12, 183-195.	0.8	6
9	Virtual qualification of aircraft parts: test simulation or acceptable evidence?. Procedia Structural Integrity, 2019, 24, 526-540.	0.8	5
10	Hydrogen Embrittlement and Fatigue Fracture of a Crankshaft of an Internal Combustion Engine. Procedia Engineering, 2015, 109, 202-209.	1.2	4
11	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
12	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
13	CubeSat Spatial Expedition: An Overview From Design To Experimental Verification. IOP Conference Series: Materials Science and Engineering, 2021, 1038, 012026.	0.6	2
14	On the statistical distribution of the maxima of sine on random process. Mechanical Systems and Signal Processing, 2021, 158, 107726.	8.0	1
15	Failure of cargo aileron™s actuator. Frattura Ed Integrita Strutturale, 2014, 8, 409-416.	0.9	0