

# Giulia Morettini

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

207  
citations

933447

10  
h-index

1058476

14  
g-index

16  
all docs

16  
docs citations

16  
times ranked

118  
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of a Polylactic acid (PLA) produced by Fused Deposition Modeling (FDM) technology. <i>Procedia Structural Integrity</i> , 2019, 24, 289-295.	0.8	31
2	Development of a new simple energy method for life prediction in multiaxial fatigue. <i>International Journal of Fatigue</i> , 2018, 112, 1-8.	5.7	23
3	Correction formula approach to evaluate fatigue damage induced by non-Gaussian stress state. <i>Procedia Structural Integrity</i> , 2018, 8, 390-398.	0.8	22
4	The effort of the dynamic simulation on the fatigue damage evaluation of flexible mechanical systems loaded by non-Gaussian and non stationary loads. <i>International Journal of Fatigue</i> , 2017, 103, 60-72.	5.7	19
5	Effects of build orientation on fatigue behavior of Ti-6Al-4V as-built specimens produced by direct metal laser sintering. <i>Procedia Structural Integrity</i> , 2019, 24, 349-359.	0.8	19
6	Comprehensive characterization of mechanical and physical properties of PLA structures printed by FFF-3D-printing process in different directions. <i>Progress in Additive Manufacturing</i> , 2022, 7, 1111-1122.	4.8	19
7	Vibration Fatigue of FDM 3D Printed Structures: The Use of Frequency Domain Approach. <i>Materials</i> , 2022, 15, 854.	2.9	15
8	Collection of experimental data for multiaxial fatigue criteria verification. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2020, 43, 162-174.	3.4	12
9	Evaluation of fatigue damage with an energy criterion of simple implementation. <i>Procedia Structural Integrity</i> , 2018, 8, 192-203.	0.8	10
10	Experimental multiaxial fatigue tests realized with newly developed geometry specimens. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2019, 42, 827-837.	3.4	10
11	Analytical procedure for the optimization of plastic gear tooth root. <i>Mechanism and Machine Theory</i> , 2021, 166, 104496.	4.5	10
12	Virtual qualification of aircraft parts: test simulation or acceptable evidence?. <i>Procedia Structural Integrity</i> , 2019, 24, 526-540.	0.8	5
13	Design and implementation of new experimental multiaxial random fatigue tests on astm-a105 circular specimens. <i>International Journal of Fatigue</i> , 2021, 142, 105983.	5.7	5
14	Withstanding Capacity of Machine Guards: Evaluation and Validation by 3D Scanners. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 2098.	2.5	4
15	Simplified Fe modeling of the PyCubed PCB complete with components for CubeSat missions. <i>Journal of Space Safety Engineering</i> , 2022, 9, 328-340.	0.9	2
16	Filament Transport Control for Enhancing Mechanical Properties of Parts Realised by Fused Filament Fabrication. <i>Materials</i> , 2022, 15, 3530.	2.9	1