

Daniele Rigon

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

359
citations

933447

10
h-index

940533

16
g-index

19
all docs

19
docs citations

19
times ranked

274
citing authors

#	ARTICLE	IF	CITATIONS
1	An analysis of defects influence on axial fatigue strength of maraging steel specimens produced by additive manufacturing. <i>International Journal of Fatigue</i> , 2019, 118, 54-64.	5.7	99
2	Influence of build orientation on static and axial fatigue properties of maraging steel specimens produced by additive manufacturing. <i>Procedia Structural Integrity</i> , 2017, 7, 149-157.	0.8	52
3	Multiaxial fatigue strength assessment of welded joints using the Peak Stress Method " Part I: Approach and application to aluminium joints. <i>International Journal of Fatigue</i> , 2017, 101, 328-342.	5.7	36
4	Multiaxial fatigue strength assessment of welded joints using the Peak Stress Method " Part II: Application to structural steel joints. <i>International Journal of Fatigue</i> , 2017, 101, 343-362.	5.7	36
5	An engineering estimation of fatigue thresholds from a microstructural size and Vickers hardness: application to wrought and additively manufactured metals. <i>International Journal of Fatigue</i> , 2020, 139, 105796.	5.7	29
6	An analysis of the specific heat loss at the tip of severely notched stainless steel specimens to correlate the fatigue strength. <i>Theoretical and Applied Fracture Mechanics</i> , 2017, 92, 240-251.	4.7	22
7	Influence of defects on axial fatigue strength of maraging steel specimens produced by additive manufacturing. <i>MATEC Web of Conferences</i> , 2018, 165, 02005.	0.2	19
8	Analysis of dissipated energy and temperature fields at severe notches of AISI 304L stainless steel specimens. <i>Frattura Ed Integrita Strutturale</i> , 2019, 13, 334-347.	0.9	14
9	Static mechanical properties of virgin and recycled short glass fiber-reinforced polypropylene produced by pellet additive manufacturing. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2021, 44, 2554-2569.	3.4	13
10	Estimating the multiaxial fatigue behaviour of C45 steel specimens by using the energy dissipation. <i>International Journal of Fatigue</i> , 2021, 151, 106381.	5.7	12
11	Engineering estimation of the fatigue limit of wrought and defective additively manufactured metals for different load ratios. <i>International Journal of Fatigue</i> , 2022, 154, 106530.	5.7	9
12	A literature survey on structural integrity of 3D printed virgin and recycled ABS and PP compounds. <i>Procedia Structural Integrity</i> , 2020, 28, 1655-1663.	0.8	9
13	Analysis of the energy dissipation in multiaxial fatigue tests of AISI 304L stainless steel bars. <i>Procedia Structural Integrity</i> , 2018, 13, 1638-1643.	0.8	4
14	Fatigue behaviour of 3D printed virgin and recycled short-glass-fiber-reinforced and mineral-filled polypropylene. <i>Procedia Structural Integrity</i> , 2021, 34, 199-204.	0.8	3
15	Evaluating the specific heat loss in severely notched stainless steel specimens for fatigue strength analyses. <i>Procedia Structural Integrity</i> , 2018, 9, 151-158.	0.8	1
16	Estimating the fatigue thresholds of additively manufactured metallic materials with consideration of defects. <i>Procedia Structural Integrity</i> , 2022, 38, 70-76.	0.8	1
17	Fatigue Strength Evaluation of Notched Ductile Steel Specimens Using Critical Distances. <i>Procedia Structural Integrity</i> , 2020, 28, 1329-1339.	0.8	0
18	An engineering approach to estimate fatigue thresholds of wrought and additively manufactured defective metallic materials. <i>Procedia Structural Integrity</i> , 2021, 34, 154-159.	0.8	0

#	ARTICLE	IF	CITATIONS
19	Crack paths in multiaxial fatigue of C45 steel specimens and correlation of lifetime with the thermal energy dissipation. <i>Frattura Ed Integrita Strutturale</i> , 2022, 16, 525-536.	0.9	0