

Aref Yadollahi

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

3,293
citations

840776

11
h-index

1199594

12
g-index

14
all docs

14
docs citations

14
times ranked

2574
citing authors

#	ARTICLE	IF	CITATIONS
1	An overview of Direct Laser Deposition for additive manufacturing; Part II: Mechanical behavior, process parameter optimization and control. Additive Manufacturing, 2015, 8, 12-35.	3.0	695
2	An overview of Direct Laser Deposition for additive manufacturing; Part I: Transport phenomena, modeling and diagnostics. Additive Manufacturing, 2015, 8, 36-62.	3.0	694
3	Additive manufacturing of fatigue resistant materials: Challenges and opportunities. International Journal of Fatigue, 2017, 98, 14-31.	5.7	647
4	Effects of process time interval and heat treatment on the mechanical and microstructural properties of direct laser deposited 316L stainless steel. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2015, 644, 171-183.	5.6	466
5	Effects of building orientation and heat treatment on fatigue behavior of selective laser melted 17-4 PH stainless steel. International Journal of Fatigue, 2017, 94, 218-235.	5.7	413
6	Fatigue life prediction of additively manufactured material: Effects of surface roughness, defect size, and shape. Fatigue and Fracture of Engineering Materials and Structures, 2018, 41, 1602-1614.	3.4	152
7	Mechanical properties and microstructural characterization of selective laser melted 17-4 PH stainless steel. Rapid Prototyping Journal, 2017, 23, 280-294.	3.2	116
8	Effects of crack orientation and heat treatment on fatigue-crack-growth behavior of AM 17-4 PH stainless steel. Engineering Fracture Mechanics, 2020, 226, 106874.	4.3	32
9	Fatigue life prediction of additively manufactured material: Effects of heat treatment and build orientation. Fatigue and Fracture of Engineering Materials and Structures, 2020, 43, 831-844.	3.4	29
10	Toward understanding the effect of remelting on the additively manufactured NiTi. International Journal of Advanced Manufacturing Technology, 2021, 112, 347-360.	3.0	19
11	In Situ Nondestructive Fatigue Life Prediction of Additive Manufactured Parts by Establishing a Process-Defect-Property Relationship. Advanced Intelligent Systems, 2021, 3, 2000268.	6.1	14
12	Microstructure-Based MultiStage Fatigue Modeling of NiTi Alloy Fabricated via Direct Energy Deposition (DED). Journal of Materials Engineering and Performance, 0, , 1.	2.5	7
13	Correlation Between Hardness and Loading Transformation Stress of Superelastic NiTi. Arabian Journal for Science and Engineering, 2018, 43, 5029-5033.	3.0	6
14	In-Situ Fatigue Prediction of Direct Laser Deposition Parts Based on Thermal Profile. , 2019, , .		3