

Mohsen Seifi

List of Publications by Year in descending order

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35
papers

3,146
citations

489802

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31
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39
all docs

39
docs citations

39
times ranked

3294
citing authors

#	ARTICLE	IF	CITATIONS
1	Regulatory and standards development in medical additive manufacturing. MRS Bulletin, 2022, 47, 98-105.	1.7	7
2	The Use of Miniature Specimens to Determine Local Properties and Fracture Behavior of LPBF-Processed Inconel 718 in as-Deposited and Post-Treated States. Materials, 2022, 15, 4724.	1.3	2
3	Recent progress on global standardization. , 2021, , 563-582.		4
4	Establishing specimen property to part performance relationships for laser beam powder bed fusion additive manufacturing. International Journal of Fatigue, 2021, 151, 106384.	2.8	19
5	High cycle fatigue behavior and life prediction for additively manufactured 17-4 PH stainless steel: Effect of sub-surface porosity and surface roughness. Theoretical and Applied Fracture Mechanics, 2020, 106, 102477.	2.1	112
6	Build Size and Orientation Influence on Mechanical Properties of Powder Bed Fusion Deposited Titanium Parts. Metals, 2020, 10, 1340.	1.0	18
7	Effects of build orientation and sample geometry on the mechanical response of miniature CP-Ti Grade 2 strut samples manufactured by laser powder bed fusion. Additive Manufacturing, 2020, 35, 101403.	1.7	16
8	Small scale testing of IN718 single crystals manufactured by EB-PBF. Additive Manufacturing, 2020, 36, 101449.	1.7	11
9	Metal Additive Manufacturing Defect Formation and Nondestructive Evaluation Detectability. , 2020, , 1-50.		13
10	Characterization of Functionally Graded Materials Based on Inconel 718 and Stainless Steel 316L Manufactured by DED Process. , 2020, , 247-256.		3
11	An investigation into specimen property to part performance relationships for laser beam powder bed fusion additive manufacturing. Additive Manufacturing, 2019, 29, 100807.	1.7	24
12	Influence of thermal post treatments on microstructure and oxidation behavior of EB-PBF manufactured Alloy 718. Materials Characterization, 2019, 150, 236-251.	1.9	27
13	Qualification and certification of metal additive manufactured hardware for aerospace applications. , 2019, , 33-66.		31
14	Through-thickness inhomogeneity of environmentally assisted cracking (EAC) in AA5083-H128 alloy. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2019, 740-741, 34-48.	2.6	20
15	Effects of thickness and orientation on the small scale fracture behaviour of additively manufactured Ti-6Al-4V. Materials Characterization, 2018, 143, 94-109.	1.9	79
16	Sensitization and remediation effects on environmentally assisted cracking of Al-Mg naval alloys. Corrosion Science, 2018, 138, 219-241.	3.0	28
17	Fatigue behavior of high-entropy alloys: A review. Science China Technological Sciences, 2018, 61, 168-178.	2.0	71
18	Effects of Post-processing on Microstructure and Mechanical Properties of SLM-Processed IN-718. Minerals, Metals and Materials Series, 2018, , 515-526.	0.3	7

#	ARTICLE	IF	CITATIONS
19	A Critical Review on Metallic Glasses as Structural Materials for Cardiovascular Stent Applications. Journal of Functional Biomaterials, 2018, 9, 19.	1.8	59
20	Anisotropy of corrosion and environmental cracking in AA5083-H128 Al-Mg alloy. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2018, 730, 367-379.	2.6	24
21	Defect distribution and microstructure heterogeneity effects on fracture resistance and fatigue behavior of EBM Ti-6Al-4V. International Journal of Fatigue, 2017, 94, 263-287.	2.8	191
22	Progress Towards Metal Additive Manufacturing Standardization to Support Qualification and Certification. Jom, 2017, 69, 439-455.	0.9	279
23	Improved understanding of environment-induced cracking (EIC) of sensitized 5XXX series aluminium alloys. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2017, 682, 613-621.	2.6	40
24	Pre-exposure embrittlement of a commercial Al-Mg-Mn alloy, AA5083-H131. Corrosion Reviews, 2017, 35, 275-290.	1.0	16
25	Effects of HIP on microstructural heterogeneity, defect distribution and mechanical properties of additively manufactured EBM Ti-48Al-2Cr-2Nb. Journal of Alloys and Compounds, 2017, 729, 1118-1135.	2.8	102
26	Overview of Materials Qualification Needs for Metal Additive Manufacturing. Jom, 2016, 68, 747-764.	0.9	427
27	Metal Additive Manufacturing: A Review of Mechanical Properties. Annual Review of Materials Research, 2016, 46, 151-186.	4.3	1,174
28	Grain orientation effects on delamination during fatigue of a sensitized Al-Mg alloy. Philosophical Magazine Letters, 2015, 95, 526-533.	0.5	8
29	Evaluation of Orientation Dependence of Fracture Toughness and Fatigue Crack Propagation Behavior of As-Deposited ARCAM EBM Ti-6Al-4V. Jom, 2015, 67, 597-607.	0.9	88
30	Fracture Toughness and Fatigue Crack Growth Behavior of As-Cast High-Entropy Alloys. Jom, 2015, 67, 2288-2295.	0.9	129
31	Effects of test orientation on fracture and fatigue crack growth behavior of third generation as-cast Ti-48Al-2Nb-2Cr. Intermetallics, 2015, 57, 73-82.	1.8	45
32	A Damage-tolerant Bulk Metallic Glass at Liquid-nitrogen Temperature. Journal of Materials Science and Technology, 2014, 30, 627-630.	5.6	15
33	Delamination of Sensitized Al-Mg Alloy During Fatigue Crack Growth in Room Temperature Air. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2012, 43, 3952-3956.	1.1	12
34	Compressive Fatigue and Thermal Compressive Fatigue of Hybrid Resin Base Dental Composites. IFMBE Proceedings, 2009, , 1236-1240.	0.2	3
35	Deformation Rate and Sensitization Effects on Environmentally Assisted Cracking of Al-Mg Naval alloys. Corrosion, 0, , .	0.5	6