

Sheng Huang

List of Publications by Year in descending order

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9
docs citations

9
times ranked

598
citing authors

#	ARTICLE	IF	CITATIONS
1	Fracture behavior of laser powder bed fusion fabricated Ti41Nb via in-situ alloying. Acta Materialia, 2022, 225, 117593.	3.8	33
2	Resolving the porosity-unmelted inclusion dilemma during in-situ alloying of Ti34Nb via laser powder bed fusion. Acta Materialia, 2021, 204, 116522.	3.8	93
3	On the formation of "fish-scale" morphology with curved grain interfacial microstructures during selective laser melting of dissimilar alloys. Acta Materialia, 2021, 220, 117331.	3.8	49
4	Effect of solution heat treatment on microstructure and mechanical properties of laser powder bed fusion produced cobalt-28chromium-6molybdenum. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2020, 769, 138511.	2.6	78
5	Microstructure evolution and mechanical property response via 3D printing parameter development of Al-Sc alloy. Virtual and Physical Prototyping, 2020, 15, 120-129.	5.3	111
6	Laser powder bed fusion of titanium-tantalum alloys: Compositions and designs for biomedical applications. Journal of the Mechanical Behavior of Biomedical Materials, 2020, 108, 103775.	1.5	97
7	Thermoreversible gelation and viscoelasticity of $\hat{\nu}$ -carrageenan hydrogels. Journal of Rheology, 2016, 60, 203-214.	1.3	53
8	Selective Laser Melting of Ti42Nb Composite Powder and the Effect of Laser Re-Melting. Key Engineering Materials, 0, 801, 270-275.	0.4	10