

Zhiying Liu

List of Publications by Year in descending order

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7
papers

205
citations

1478505

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1720034

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7
docs citations

7
times ranked

108
citing authors

#	ARTICLE	IF	CITATIONS
1	Selective Laser Melting for Joining Dissimilar Materials: Investigations of Interfacial Characteristics and In Situ Alloying. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2021, 52, 1540-1550.	2.2	12
2	Selective Laser Melting of Maraging Steels Using Recycled Powders: A Comprehensive Microstructural and Mechanical Investigation. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2021, 52, 1714-1722.	2.2	25
3	A Review on Additive Manufacturing of Titanium Alloys for Aerospace Applications: Directed Energy Deposition and Beyond Ti-6Al-4V. Jom, 2021, 73, 1804-1818.	1.9	106
4	High-speed nanoindentation mapping of a near-alpha titanium alloy made by additive manufacturing. Journal of Materials Research, 2021, 36, 2223-2234.	2.6	33
5	Probing the small-scale plasticity and phase stability of an icosahedral quasicrystal i-Al-Pd-Mn at elevated temperatures. Physical Review Materials, 2021, 5, .	2.4	3
6	A Computer Vision Approach to Evaluate Powder Flowability for Metal Additive Manufacturing. Integrating Materials and Manufacturing Innovation, 2021, 10, 429-443.	2.6	7
7	Laser deposition of graded β -TiAl/Ti ₂ AlNb alloys: Microstructure and nanomechanical characterization of the transition zone. Journal of Alloys and Compounds, 2021, 875, 159946.	5.5	19