

Zhiying Liu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3636529/publications.pdf>

Version: 2024-02-01

7
papers

205
citations

1478505

6
h-index

1720034

7
g-index

7
all docs

7
docs citations

7
times ranked

108
citing authors

#	ARTICLE	IF	CITATIONS
1	A Review on Additive Manufacturing of Titanium Alloys for Aerospace Applications: Directed Energy Deposition and Beyond Ti-6Al-4V. <i>Jom</i> , 2021, 73, 1804-1818.	1.9	106
2	High-speed nanoindentation mapping of a near-alpha titanium alloy made by additive manufacturing. <i>Journal of Materials Research</i> , 2021, 36, 2223-2234.	2.6	33
3	Selective Laser Melting of Maraging Steels Using Recycled Powders: A Comprehensive Microstructural and Mechanical Investigation. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2021, 52, 1714-1722.	2.2	25
4	Laser deposition of graded $\text{Ti}^{3+}\text{-TiAl/Ti}_2\text{AlNb}$ alloys: Microstructure and nanomechanical characterization of the transition zone. <i>Journal of Alloys and Compounds</i> , 2021, 875, 159946.	5.5	19
5	Selective Laser Melting for Joining Dissimilar Materials: Investigations of Interfacial Characteristics and In Situ Alloying. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2021, 52, 1540-1550.	2.2	12
6	A Computer Vision Approach to Evaluate Powder Flowability for Metal Additive Manufacturing. <i>Integrating Materials and Manufacturing Innovation</i> , 2021, 10, 429-443.	2.6	7
7	Probing the small-scale plasticity and phase stability of an icosahedral quasicrystal i-Al-Pd-Mn at elevated temperatures. <i>Physical Review Materials</i> , 2021, 5, .	2.4	3