

Jia-Ning Zhu

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

217
citations

1163117

8
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

191
citing authors

#	ARTICLE	IF	CITATIONS
1	Controlling microstructure evolution and phase transformation behavior in additive manufacturing of nitinol shape memory alloys by tuning hatch distance. <i>Journal of Materials Science</i> , 2022, 57, 6066-6084.	3.7	24
2	Predictive analytical modelling and experimental validation of processing maps in additive manufacturing of nitinol alloys. <i>Additive Manufacturing</i> , 2021, 38, 101802.	3.0	27
3	A high pressure die cast magnesium alloy with superior thermal conductivity and high strength. <i>Intermetallics</i> , 2021, 139, 107350.	3.9	16
4	Additive Manufacturing of Ti-48Al-2Cr-2Nb Alloy Using Gas Atomized and Mechanically Alloyed Plasma Spheroidized Powders. <i>Materials</i> , 2020, 13, 3952.	2.9	15
5	A review of NiTi shape memory alloy as a smart material produced by additive manufacturing. <i>Materials Today: Proceedings</i> , 2020, 30, 761-767.	1.8	79
6	Selective laser melting of Inconel 718 under high laser power. <i>Materials Today: Proceedings</i> , 2020, 30, 784-788.	1.8	9
7	Synthesis of NiTi alloy powders for powder-based additive manufacturing. <i>Materials Today: Proceedings</i> , 2020, 30, 679-682.	1.8	7
8	Microstructure and mechanical properties of TiAl-based alloy produced by selective laser melting. , 2020, , .		4
9	Wear and Corrosion Behavior of Functionally Graded Nano-SiC/2014Al Composites Produced by Powder Metallurgy. <i>Journal of Materials Engineering and Performance</i> , 2017, 26, 729-735.	2.5	14
10	Refinement and modification of primary Mg ₂ Si in an Al-20Mg ₂ Si alloy by a combined addition of yttrium and antimony. <i>CrystEngComm</i> , 2017, 19, 6365-6372.	2.6	22