

Yunhao Zhao

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Ultrafast high-temperature sintering to avoid metal loss toward high-performance and scalable cermets. <i>Matter</i> , 2022, 5, 594-604.	10.0	10
2	Target-Sintering of Single-Phase Bulk Intermetallics via a Fast-Heating-Induced Rapid Interdiffusion Mechanism. , 2022, 4, 480-486.		6
3	Effects of Magnetic Abrasive Finishing on Microstructure and Mechanical Properties of Inconel 718 Processed by Laser Powder Bed Fusion. <i>Journal of Manufacturing and Materials Processing</i> , 2022, 6, 43.	2.2	2
4	Phase Transformations During Homogenization of Inconel 718 Alloy Fabricated by Suction Casting and Laser Powder Bed Fusion: A CALPHAD Case Study Evaluating Different Homogenization Models. <i>Journal of Phase Equilibria and Diffusion</i> , 2021, 42, 28-41.	1.4	7
5	Impact of homogenization on microstructure-property relationships of Inconel 718 alloy prepared by laser powder bed fusion. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2021, 826, 141973.	5.6	15
6	A new high-throughput method using additive manufacturing for alloy design and heat treatment optimization. <i>Materialia</i> , 2020, 13, 100835.	2.7	14
7	A comparative analysis of Inconel 718 made by additive manufacturing and suction casting: Microstructure evolution in homogenization. <i>Additive Manufacturing</i> , 2020, 36, 101404.	3.0	15
8	Investigation on Phase Stability of Al _x Co _{0.2} Cr _{0.2} Ni _{0.2} Ti _{0.4} High Entropy Alloys. <i>Journal of Phase Equilibria and Diffusion</i> , 2018, 39, 610-622.	1.4	9