

# Yunhao Zhao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2911429/publications.pdf>

Version: 2024-02-01

8  
papers

78  
citations

1478505  
6  
h-index

1720034  
7  
g-index

8  
all docs

8  
docs citations

8  
times ranked

72  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Impact of homogenization on microstructure-property relationships of Inconel 718 alloy prepared by laser powder bed fusion. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2021, 826, 141973.	5.6	15
3	A new high-throughput method using additive manufacturing for alloy design and heat treatment optimization. <i>Materialia</i> , 2020, 13, 100835.	2.7	14
4	Ultrafast high-temperature sintering to avoid metal loss toward high-performance and scalable cermets. <i>Matter</i> , 2022, 5, 594-604.	10.0	10
5	Investigation on Phase Stability of $\text{Al}_x\text{Co}_{0.2}\text{Cr}_{0.2}\text{Ni}_{0.2}\text{Ti}_{0.4}$ High Entropy Alloys. <i>Journal of Phase Equilibria and Diffusion</i> , 2018, 39, 610-622.	1.4	9
6	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
7	Target-Sintering of Single-Phase Bulk Intermetallics via a Fast-Heating-Induced Rapid Interdiffusion Mechanism. , 2022, 4, 480-486.		6
8	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