

# Yongyun Zhang

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

220  
citations

1039880

9  
h-index

1199470

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

157  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microstructure evolution and composition redistribution of FeCoNiCrMn high entropy alloy under extreme plastic deformation. <i>Materials Research Letters</i> , 2022, 10, 124-132.	4.1	15
2	Sintering mechanism and microstructure evolution of a CoCrFeNiMn high entropy alloy fabricated by metal injection molding. <i>Journal of Alloys and Compounds</i> , 2021, 868, 158711.	2.8	8
3	Microstructures and magnetic properties of Fe-35%Co alloy fabricated by metal injection molding. <i>Journal of Magnetism and Magnetic Materials</i> , 2020, 497, 165982.	1.0	9
4	Investigation of the influences of heat treatment on the microstructures and thermal properties of Al-20Si alloy fabricated by powder extrusion. <i>Materials Characterization</i> , 2020, 168, 110522.	1.9	7
5	The Effects of Sintering Temperature and Addition of TiH <sub>2</sub> on the Sintering Process of Cu. <i>Materials</i> , 2019, 12, 2594.	1.3	10
6	Influence of welding speed on microstructures and mechanical properties of vacuum electron beam welded TZM alloy joints. <i>Vacuum</i> , 2018, 149, 29-35.	1.6	24
7	On the Microstructures and Fatigue Behaviors of 316L Stainless Steel Metal Injection Molded with Gas- and Water-Atomized Powders. <i>Metals</i> , 2018, 8, 893.	1.0	26
8	Effect of rhenium content on microstructures and mechanical properties of electron beam welded TZM alloy joints. <i>Journal of Manufacturing Processes</i> , 2018, 32, 337-343.	2.8	23
9	Stress relief and purification mechanisms for grain boundaries of electron beam welded TZM alloy joint with zirconium addition. <i>Journal of Materials Processing Technology</i> , 2018, 251, 168-174.	3.1	22
10	Regulating the interfacial morphology of electron beam welded pure Ti/2024Al dissimilar joint. <i>Journal of Materials Processing Technology</i> , 2017, 245, 227-231.	3.1	25
11	Influence of beam current on microstructures and mechanical properties of electron beam welding-brazed aluminum-steel joints with an Al5Si filler wire. <i>Vacuum</i> , 2017, 141, 281-287.	1.6	12
12	Microstructure evolution and embrittlement of electron beam welded TZM alloy joint. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2017, 700, 512-518.	2.6	39