

Yongyun Zhang

List of Publications by Year in descending order

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12
papers

220
citations

1040056

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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. Materials Research Letters, 2022, 10, 124-132.	8.7	15
2	Sintering mechanism and microstructure evolution of a CoCrFeNiMn high entropy alloy fabricated by metal injection molding. Journal of Alloys and Compounds, 2021, 868, 158711.	5.5	8
3	Microstructures and magnetic properties of Fe-35%Co alloy fabricated by metal injection molding. Journal of Magnetism and Magnetic Materials, 2020, 497, 165982.	2.3	9
4	Investigation of the influences of heat treatment on the microstructures and thermal properties of Al-20Si alloy fabricated by powder extrusion. Materials Characterization, 2020, 168, 110522.	4.4	7
5	The Effects of Sintering Temperature and Addition of TiH ₂ on the Sintering Process of Cu. Materials, 2019, 12, 2594.	2.9	10
6	Influence of welding speed on microstructures and mechanical properties of vacuum electron beam welded TZM alloy joints. Vacuum, 2018, 149, 29-35.	3.5	24
7	On the Microstructures and Fatigue Behaviors of 316L Stainless Steel Metal Injection Molded with Gas- and Water-Atomized Powders. Metals, 2018, 8, 893.	2.3	26
8	Effect of rhenium content on microstructures and mechanical properties of electron beam welded TZM alloy joints. Journal of Manufacturing Processes, 2018, 32, 337-343.	5.9	23
9	Stress relief and purification mechanisms for grain boundaries of electron beam welded TZM alloy joint with zirconium addition. Journal of Materials Processing Technology, 2018, 251, 168-174.	6.3	22
10	Regulating the interfacial morphology of electron beam welded pure Ti/2024Al dissimilar joint. Journal of Materials Processing Technology, 2017, 245, 227-231.	6.3	25
11	Influence of beam current on microstructures and mechanical properties of electron beam welding-brazed aluminum-steel joints with an Al5Si filler wire. Vacuum, 2017, 141, 281-287.	3.5	12
12	Microstructure evolution and embrittlement of electron beam welded TZM alloy joint. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2017, 700, 512-518.	5.6	39