

Yongyun Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2198532/publications.pdf>

Version: 2024-02-01

12
papers

220
citations

1040056

9
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

157
citing authors

#	ARTICLE	IF	CITATIONS
1	Microstructure evolution and embrittlement of electron beam welded TZM alloy joint. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2017, 700, 512-518.	5.6	39
2	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.	2.3	26
3	Regulating the interfacial morphology of electron beam welded pure Ti/2024Al dissimilar joint. <i>Journal of Materials Processing Technology</i> , 2017, 245, 227-231.	6.3	25
4	Influence of welding speed on microstructures and mechanical properties of vacuum electron beam welded TZM alloy joints. <i>Vacuum</i> , 2018, 149, 29-35.	3.5	24
5	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.	5.9	23
6	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.	6.3	22
7	Microstructure evolution and composition redistribution of FeCoNiCrMn high entropy alloy under extreme plastic deformation. <i>Materials Research Letters</i> , 2022, 10, 124-132.	8.7	15
8	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.	3.5	12
9	The Effects of Sintering Temperature and Addition of TiH ₂ on the Sintering Process of Cu. <i>Materials</i> , 2019, 12, 2594.	2.9	10
10	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.	2.3	9
11	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.	5.5	8
12	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.	4.4	7