

Jie Yuan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3119784/publications.pdf>

Version: 2024-02-01

10
papers

249
citations

1307594

7
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

173
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel way to fabricate tubular porous mullite membrane supports by TBA-based freezing casting method. <i>Journal of the European Ceramic Society</i> , 2013, 33, 3249-3256.	5.7	65
2	Nanoparticles Enabled Mechanism for Hot Cracking Elimination in Aluminum Alloys. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2021, 52, 3083-3096.	2.2	53
3	Effect of electron concentration on electrical conductivity in <i>in situ</i> Al-TiB ₂ nanocomposites. <i>Applied Physics Letters</i> , 2020, 116, .	3.3	32
4	Nanoparticle promoted solution treatment by reducing segregation in AA7034. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2021, 822, 141691.	5.6	30
5	Size Control of In Situ Synthesized TiB ₂ Particles in Molten Aluminum. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2021, 52, 2657-2666.	2.2	22
6	Mo-enhanced chemical stability of TiC nanoparticles in molten Al. <i>Journal of Alloys and Compounds</i> , 2021, 856, 158169.	5.5	19
7	Interfacial thermal conductance of in situ aluminum-matrix nanocomposites. <i>Journal of Materials Science</i> , 2021, 56, 13646-13658.	3.7	15
8	Manufacturing of Bulk Al-12Zn-3.7Mg-1Cu Alloy with TiC Nanoparticles. <i>Procedia Manufacturing</i> , 2020, 48, 325-331.	1.9	7
9	Nano-Treating Promoted Natural Aging Al-Zn-Mg-Cu Alloys. <i>Journal of Composites Science</i> , 2022, 6, 114.	3.0	4
10	Effect of TiC Nanoparticles on Solidification Processing and Properties of Al-1.4Mg-0.8Si Alloy. <i>Minerals, Metals and Materials Series</i> , 2022, , 127-134.	0.4	2