

Jie Yuan

List of Publications by Year in descending order

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