

Tianlin Huang

List of Publications by Year in descending order

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Version: 2024-02-01

7
papers

168
citations

1684188
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201
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|--|------|-----------|
| 1 | High-pressure strengthening in ultrafine-grained metals. <i>Nature</i> , 2020, 579, 67-72. | 27.8 | 96 |
| 2 | Strong and ductile AZ31 Mg alloy with a layered bimodal structure. <i>Scientific Reports</i> , 2019, 9, 5428. | 3.3 | 25 |
| 3 | Cold rolled nanostructured super-pure Al (99.9996%) containing 1% Si particles: structure and strength. <i>Journal of Materials Science</i> , 2012, 47, 7914-7920. | 3.7 | 14 |
| 4 | Superior high temperature creep resistance of a cast Al-Mg-Ca-Sc alloy with multi-scale hierarchical microstructures. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2022, 850, 143533. | 5.6 | 13 |
| 5 | Single-crystal two-dimensional material epitaxy on tailored non-single-crystal substrates. <i>Nature Communications</i> , 2022, 13, 1773. | 12.8 | 12 |
| 6 | Particle stabilization of plastic flow in nanostructured Al-1%Si Alloy. <i>Journal of Materials Science</i> , 2014, 49, 6667-6673. | 3.7 | 5 |
| 7 | Structural and mechanical properties of magnesium aluminate nanoceramics under high pressure. <i>Applied Physics Letters</i> , 2020, 117, . | 3.3 | 3 |