

Mulin Liu

List of Publications by Year in descending order

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8
papers

251
citations

1307594

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1588992

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all docs

8
docs citations

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times ranked

202
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|--|------|-----------|
| 1 | Effect of heat treatment on solute Si content in Al-12%Si alloy additive-manufactured by laser powder bed fusion. <i>Keikinzoku/Journal of Japan Institute of Light Metals</i> , 2022, 72, 178-184. | 0.4 | 4 |
| 2 | Fast scanning calorimetry study of Al alloy powder for understanding microstructural development in laser powder bed fusion. <i>Materials and Design</i> , 2022, 219, 110830. | 7.0 | 27 |
| 3 | Development of gradient microstructure in the lattice structure of AlSi10Mg alloy fabricated by selective laser melting. <i>Journal of Materials Science and Technology</i> , 2020, 36, 106-117. | 10.7 | 31 |
| 4 | Effect of Annealing on Anisotropic Tensile Properties of Al-12%Si Alloy Fabricated by Laser Powder Bed Fusion. <i>Crystals</i> , 2020, 10, 1007. | 2.2 | 32 |
| 5 | Effect of Heat Treatment on Gradient Microstructure of AlSi10Mg Lattice Structure Manufactured by Laser Powder Bed Fusion. <i>Materials</i> , 2020, 13, 2487. | 2.9 | 14 |
| 6 | Anomalous strengthening by supersaturated solid solutions of selectively laser melted Al-Si-based alloys. <i>Additive Manufacturing</i> , 2020, 33, 101152. | 3.0 | 49 |
| 7 | Effects of Heat Treatments on Compressive Deformation Behaviors of Lattice-Structured AlSi10Mg Alloy Fabricated by Selective Laser Melting. <i>Advanced Engineering Materials</i> , 2019, 21, 1900571. | 3.5 | 29 |
| 8 | Microstructural characterization of cellular AlSi10Mg alloy fabricated by selective laser melting. <i>Materials and Design</i> , 2018, 157, 478-491. | 7.0 | 65 |