

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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g-index

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all docs

8
docs citations

8
times ranked

202
citing authors

#	ARTICLE	IF	CITATIONS
1	Microstructural characterization of cellular AlSi10Mg alloy fabricated by selective laser melting. <i>Materials and Design</i> , 2018, 157, 478-491.	7.0	65
2	Anomalous strengthening by supersaturated solid solutions of selectively laser melted Al-Si-based alloys. <i>Additive Manufacturing</i> , 2020, 33, 101152.	3.0	49
3	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
4	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
5	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
6	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
7	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
8	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