

Xueguang Chen

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Strain induced electronic structure variation in methyl-ammonium lead iodide perovskite. Scientific Reports, 2018, 8, 7760.	3.3	53
2	Hot compression deformation behavior and processing maps of ATI 718Plus superalloy. Journal of Alloys and Compounds, 2020, 835, 155195.	5.5	50
3	Precipitation behavior and mechanical performances of A356.2 alloy treated by Al-Sr-La composite refinement-modification agent. Journal of Alloys and Compounds, 2020, 818, 153370.	5.5	31
4	Cyclic oxidation behavior of Ni3Al-based superalloy. Vacuum, 2019, 169, 108938.	3.5	17
5	Precipitation and growth behavior of γ' phase in Ni3Al-based superalloy under thermal exposure. Journal of Materials Science, 2019, 54, 13368-13377.	3.7	15
6	Modification mechanism and tensile property of Al-9Si-0.4Mg-0.1Cu alloy. Materials Characterization, 2022, 184, 111693.	4.4	13
7	Microstructure Evolution of Primary γ' Phase in Ni3Al-Based Superalloy. Acta Metallurgica Sinica (English Letters), 2020, 33, 1709-1726.	2.9	12
8	Compressive Deformation Behavior of Closed-Cell Micro-Pore Magnesium Composite Foam. Materials, 2018, 11, 731.	2.9	9
9	Quasi-Static Compression Deformation and Energy Absorption Characteristics of Basalt Fiber-Containing Closed-Cell Aluminum Foam. Metals, 2020, 10, 921.	2.3	9
10	Effect of Solution Treatment on Microstructure and Mechanical Properties of A356.2 Aluminum Alloy Treated With Al-Sr-La Master Alloy. Advanced Engineering Materials, 2018, 20, 1701173.	3.5	6
11	Hot Deformation Behavior of ATI 718Plus Alloy with Different Microstructures. Acta Metallurgica Sinica (English Letters), 0, , 1.	2.9	6
12	Short-term corrosion behavior of polycrystalline Ni3Al-based superalloy in sulfur-containing atmosphere. Intermetallics, 2022, 142, 107446.	3.9	4
13	Mechanical Performances of Al-Si-Mg Alloy with Dilute Sc and Sr Elements. Materials, 2020, 13, 665.	2.9	3
14	Effect of Heat Treatment on the Microstructure and Mechanical Properties of Al-9Si-0.4Mg-0.1Cu Alloy. Advanced Engineering Materials, 2022, 24, .	3.5	2
15	Precipitation behavior and tensile properties of A356.2 alloy with different high temperature pre-precipitation temperatures. Materials Research Express, 2022, 9, 026507.	1.6	1