

Xueguang Chen

List of Publications by Year in descending order

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