

Jian Ding

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Synergistic effect of Sr and La on the microstructure and mechanical properties of A356.2 alloy. <i>Materials and Design</i> , 2017, 114, 563-571.	7.0	58
2	Hot compression deformation behavior and processing maps of ATI 718Plus superalloy. <i>Journal of Alloys and Compounds</i> , 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. <i>Journal of Alloys and Compounds</i> , 2020, 818, 153370.	5.5	31
4	Microstructure evolution behavior of Ni ₃ Al (γ) phase in eutectic γ - γ_2 of Ni ₃ Al-based alloy. <i>Intermetallics</i> , 2018, 98, 28-33.	3.9	24
5	Precipitation and growth behavior of mushroom-like Ni ₃ Al. <i>Materials Letters</i> , 2018, 211, 5-8.	2.6	18
6	Cyclic oxidation behavior of Ni ₃ Al-based superalloy. <i>Vacuum</i> , 2019, 169, 108938.	3.5	17
7	Microstructure and thermal stability evolution behavior of Sc-containing A356.2 aluminum alloy under cyclic thermal exposure conditions. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2018, 723, 165-173.	5.6	16
8	Precipitation and growth behavior of γ_2 phase in Ni ₃ Al-based superalloy under thermal exposure. <i>Journal of Materials Science</i> , 2019, 54, 13368-13377.	3.7	15
9	Effect of Sn Addition on Microstructure and Corrosion Behavior of As-Extruded Mg-5Zn-4Al Alloy. <i>Materials</i> , 2019, 12, 2069.	2.9	14
10	Modification mechanism and tensile property of Al-9Si-0.4Mg-0.1Cu alloy. <i>Materials Characterization</i> , 2022, 184, 111693.	4.4	13
11	Microstructure Evolution of Primary γ_2 Phase in Ni ₃ Al-Based Superalloy. <i>Acta Metallurgica Sinica (English Letters)</i> , 2020, 33, 1709-1726.	2.9	12
12	Directional coarsening behavior of primary γ_2 phase in Ni ₃ Al-based superalloy during aging heat treatment. <i>Journal of Alloys and Compounds</i> , 2021, 872, 159674.	5.5	12
13	Compressive Deformation Behavior of Closed-Cell Micro-Pore Magnesium Composite Foam. <i>Materials</i> , 2018, 11, 731.	2.9	9
14	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
15	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
16	Hot Deformation Behavior of ATI 718Plus Alloy with Different Microstructures. <i>Acta Metallurgica Sinica (English Letters)</i> , 0, , 1.	2.9	6
17	Precipitation Behavior of Spherical γ_2 Phase in Eutectic Area of Ni ₃ Al-Based Alloy. <i>Advanced Engineering Materials</i> , 2019, 21, 1801318.	3.5	5
18	Short-term corrosion behavior of polycrystalline Ni ₃ Al-based superalloy in sulfur-containing atmosphere. <i>Intermetallics</i> , 2022, 142, 107446.	3.9	4

#	ARTICLE	IF	CITATIONS
19	Mechanical Performances of Al-Si-Mg Alloy with Dilute Sc and Sr Elements. <i>Materials</i> , 2020, 13, 665.	2.9	3
20	Modification Mechanism and Uniaxial Fatigue Performances of A356.2 Alloy Treated by Al-Sr-La Composite Refinement-Modification Agent. <i>Acta Metallurgica Sinica (English Letters)</i> , 2022, 35, 901-914.	2.9	2
21	Dynamic and quasi-static compressive performance of integral-forming aluminum foam sandwich. <i>Journal of Iron and Steel Research International</i> , 0, , .	2.8	2
22	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
23	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