

Ling-Ying Ye

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papers

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24
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213
ext. citations

3.5
avg, IF

2.85
L-index

#	Paper	IF	Citations
24	Effect of three-stage homogenization on mechanical properties and stress corrosion cracking of Al-Zn-Mg-Zr alloys. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2016 , 675, 280-288	5.3	30
23	Effect of three-step homogenization on microstructure and properties of 7N01 aluminum alloys. <i>Transactions of Nonferrous Metals Society of China</i> , 2018 , 28, 829-838	3.3	18
22	Intermetallic phase evolution of 5059 aluminum alloy during homogenization. <i>Transactions of Nonferrous Metals Society of China</i> , 2013 , 23, 3553-3560	3.3	15
21	Influence of Sn on the precipitation and hardening response of natural aged Al-0.4Mg-1.0Si alloy artificial aged at different temperatures. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2019 , 765, 138250	5.3	13
20	Quench Sensitivity of AA 7136 Alloy: Contribution of Grain Structure and Dispersoids. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2019 , 50, 4900-4912	2.3	11
19	Effects of T916 thermo-mechanical process on microstructure, mechanical properties and ballistic resistance of 2519A aluminum alloy. <i>Transactions of Nonferrous Metals Society of China</i> , 2014 , 24, 2295-2300	3.3	10
18	Effect of Sn and Cu addition on the precipitation and hardening behavior of Al-1.0Mg-0.6Si alloy. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2020 , 770, 138515	5.3	9
17	Effects of Combined Additions of Mn and Zr on Dispersoid Formation and Recrystallization Behavior in Al-Zn-Mg Alloys. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2019 , 50, 4877-4890	2.3	7
16	Superplastic deformation behavior and mechanism of 1420 Al-Li alloy sheets with elongated grains. <i>Central South University</i> , 2010 , 17, 659-665		7
15	Formation mechanism of gradient-distributed particles and their effects on grain structure in 01420 Al-Li alloy. <i>Central South University</i> , 2008 , 15, 147-152		7
14	Effect of a Trace Addition of Sn on the Aging Behavior of Al-Mg-Si Alloy with a Different Mg/Si Ratio. <i>Materials</i> , 2020 , 13,	3.5	6
13	Effect of three-stage homogenization on recrystallization and fatigue crack growth of 7020 aluminum alloy. <i>Journal of Materials Research and Technology</i> , 2020 , 9, 13216-13229	5.5	5
12	Intergranular corrosion behavior of extruded 6005A alloy profile with different microstructures. <i>Journal of Materials Science</i> , 2020 , 55, 10833-10848	4.3	5
11	Superplastic Deformation Mechanisms in Fine-Grained 2050 Al-Cu-Li Alloys. <i>Materials</i> , 2020 , 13,	3.5	5
10	Effect of Test Temperature and Strain Rate on Dynamic Mechanical Behavior of Aluminum Alloy 2519A. <i>Journal of Materials Engineering and Performance</i> , 2019 , 28, 4964-4971	1.6	5
9	Mechanism of Precipitate Microstructure Affecting Fatigue Behavior of 7020 Aluminum Alloy. <i>Materials</i> , 2020 , 13,	3.5	5
8	Microstructure, mechanical properties and stress corrosion behavior of friction stir welded joint of AlMgBi alloy extrusion. <i>Rare Metals</i> , 2018 , 1	5.5	5

7	Effect of Grain Boundary and Crystallographic Orientation on the Stress Corrosion Behavior of an Al-Zn-Mg Alloy. <i>Journal of Materials Engineering and Performance</i> , 2019 , 28, 2954-2966	1.6	4
6	Influence of crystallographic orientation on growth behavior of spherical voids. <i>Central South University</i> , 2008 , 15, 159-164		2
5	Effect of Travel Speed on Microstructure and Mechanical Properties of FSW Joints for Al-Zn-Mg Alloy. <i>Materials</i> , 2019 , 12,	3.5	2
4	Effects of Pre-ageing on Microstructure and Mechanical Properties of T916 Treated 2519A Aluminium Alloy. <i>Metals and Materials International</i> , 2018 , 24, 1149-1161	2.4	1
3	Superplastic deformation mechanisms of a fine-grained AlCuTi alloy. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2022 , 143403	5.3	1
2	Effect of Aging Time on Crushing Performance of Al-0.5Mg-0.4Si Alloy for Safety Components of Automobile. <i>Metals</i> , 2021 , 11, 608	2.3	0
1	Effect of the oxidation reaction interface on the accelerated corrosion behaviour of AlMgSi alloy. <i>Corrosion Engineering Science and Technology</i> , 1-12	1.7	