

Ling-Ying Ye

List of Publications by Year in descending order

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24
papers

278
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docs citations

24
times ranked

188
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	2.6	38
2	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.	1.7	22
3	Intermetallic phase evolution of 5059 aluminum alloy during homogenization. <i>Transactions of Nonferrous Metals Society of China</i> , 2013, 23, 3553-3560.	1.7	21
4	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.	1.1	21
5	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.	2.6	19
6	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.	2.6	17
7	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.	2.6	16
8	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.	1.1	16
9	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.	1.7	12
10	Intergranular corrosion behavior of extruded 6005A alloy profile with different microstructures. <i>Journal of Materials Science</i> , 2020, 55, 10833-10848.	1.7	11
11	Superplastic Deformation Mechanisms in Fine-Grained 2050 Al-Cu-Li Alloys. <i>Materials</i> , 2020, 13, 2705.	1.3	11
12	Mechanism of Precipitate Microstructure Affecting Fatigue Behavior of 7020 Aluminum Alloy. <i>Materials</i> , 2020, 13, 3248.	1.3	10
13	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.	1.2	9
14	Formation mechanism of gradient-distributed particles and their effects on grain structure in O1420 Al-Li alloy. <i>Central South University</i> , 2008, 15, 147-152.	0.5	7
15	Superplastic deformation behavior and mechanism of 1420 Al-Li alloy sheets with elongated grains. <i>Central South University</i> , 2010, 17, 659-665.	0.5	7
16	Microstructure, mechanical properties and stress corrosion behavior of friction stir welded joint of Al-Mg-Si alloy extrusion. <i>Rare Metals</i> , 2023, 42, 2057-2067.	3.6	7
17	Effect of Travel Speed on Microstructure and Mechanical Properties of FSW Joints for Al-Zn-Mg Alloy. <i>Materials</i> , 2019, 12, 4178.	1.3	7
18	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, 913.	1.3	6

#	ARTICLE	IF	CITATIONS
19	Superplastic deformation mechanisms of a fine-grained Al-Cu-Li alloy. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2022, 848, 143403.	2.6	6
20	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.	1.2	5
21	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.	1.8	4
22	Influence of crystallographic orientation on growth behavior of spherical voids. <i>Central South University</i> , 2008, 15, 159-164.	0.5	3
23	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.	1.0	2
24	Effect of the oxidation reaction interface on the accelerated corrosion behaviour of Al-Mg-Si alloy. <i>Corrosion Engineering Science and Technology</i> , 2022, 57, 343-354.	0.7	1