

Feng Jiang

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/7295141/feng-jiang-publications-by-year.pdf>

Version: 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

29
papers

500
citations

10
h-index

22
g-index

32
ext. papers

617
ext. citations

3.4
avg. IF

3.62
L-index

#	Paper	IF	Citations
29	Study on oxidation behavior of Al-Mg-Sc alloy. <i>Materials Letters</i> , 2022 , 313, 131723	3.3	0
28	Investigation of alloying element Mg in the near surface layer of micro-arc oxidation coating on AlMg-Sc alloy. <i>Vacuum</i> , 2022 , 197, 110823	3.7	0
27	The recrystallization behavior of shear band in room temperature ECAPed Al-Mg-Mn-Sc-Zr alloy. <i>Materials Characterization</i> , 2021 , 175, 111081	3.9	1
26	Effect of SiC addition in electrolyte on the microstructure and tribological properties of micro-arc oxidation coatings on Al-Mg-Sc alloy. <i>Surface Topography: Metrology and Properties</i> , 2021 , 9, 035043	1.5	3
25	Effect of continuity of annealing time on the recrystallization behavior of Al-Mg-Mn-Sc-Zr alloy. <i>Materials Letters</i> , 2020 , 275, 128208	3.3	5
24	Recrystallization behavior of Al-Mg-Mn-Sc-Zr alloy based on two different deformation ways. <i>Materials Letters</i> , 2020 , 265, 127455	3.3	8
23	Study on rheological behavior and microstructural evolution of Al-6Mg-0.4Mn-0.15Sc-0.1Zr alloy by isothermal compression. <i>Materials Research Express</i> , 2020 , 7, 056517	1.7	1
22	TiO ₂ Nanosheet-Redox Graphene Oxide/Sulphur Cathode for High-Performance Lithium-Sulphur Batteries. <i>Journal of Nanoscience and Nanotechnology</i> , 2020 , 20, 1715-1722	1.3	1
21	Investigation on microstructure, mechanical properties and corrosion behavior of VPPA welded AlMgMnScZr alloy. <i>Materials Today Communications</i> , 2020 , 25, 101480	2.5	2
20	Al ₃ (Sc, Zr) precipitation in deformed Al-Mg-Mn-Sc-Zr alloy: Effect of annealing temperature and dislocation density. <i>Journal of Alloys and Compounds</i> , 2020 , 831, 154856	5.7	13
19	Effects of annealing under fixed temperature and cyclic temperature on strength and microstructure of AlMgMn-Sc-Zr alloy. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2019 , 764, 138275	5.3	7
18	Precipitation characteristics and morphological transitions of Al ₃ Sc precipitates. <i>Journal of Alloys and Compounds</i> , 2019 , 790, 509-516	5.7	18
17	Coarsening of Al ₃ Sc precipitates in Al-Mg-Sc alloys. <i>Journal of Alloys and Compounds</i> , 2019 , 781, 209-215	5.7	23
16	Communication Lithium Difluorophosphate as an Electrolyte Additive to Improve the High Voltage Performance of LiNi _{0.5} Co _{0.2} Mn _{0.3} O ₂ /Graphite Cell. <i>Journal of the Electrochemical Society</i> , 2018 , 165, A368-A370	3.9	29
15	Structure and orientation relationship of new precipitates in a CuCrZr alloy. <i>Materials Science and Technology</i> , 2018 , 34, 282-288	1.5	10
14	Precipitation, Recrystallization, and Evolution of Annealing Twins in a Cu-Cr-Zr Alloy. <i>Metals</i> , 2018 , 8, 227	2.3	13
13	1, 3, 5-Pentanetricarbonitrile additive for improving high voltage stability of lithium cobalt oxide cells. <i>Electrochimica Acta</i> , 2018 , 286, 86-91	6.7	7

12	Recovery of Gallium from Corundum Flue Dust by Two-Stage Alkali Leaching, Carbonation, Acid Leaching and Solvent Extraction Process. <i>Metals</i> , 2018 , 8, 545	2.3	6
11	Microstructure and Mechanical Properties of Al-Mg-Sc-Zr Alloy Variable Polarity Plasma Arc Welding Joint. <i>Journal of Materials Engineering and Performance</i> , 2018 , 27, 4783-4790	1.6	8
10	Synthesis of High-Performance Cycling $\text{LiNi}_x\text{Mn}_{2-x}\text{O}_4$ ($x=0.10$) as Cathode Material for Lithium Batteries. <i>Journal of Nanoscience and Nanotechnology</i> , 2017 , 17, 9182-9185	1.3	5
9	Hot deformation behavior and microstructural evolution of as-homogenized $\text{Al}_{0.4}\text{Mg}_{0.4}\text{Mn}_{0.25}\text{Sc}_{0.1}\text{Zr}$ alloy during compression at elevated temperature. <i>Journal of Alloys and Compounds</i> , 2015 , 644, 862-872	5.7	26
8	Effects of $\text{Al}_3(\text{Sc,Zr})$ and Shear Band Formation on the Tensile Properties and Fracture Behavior of Al-Mg-Sc-Zr Alloy. <i>Journal of Materials Engineering and Performance</i> , 2015 , 24, 4244-4252	1.6	15
7	Effect of homogenization treatment on microstructure and mechanical properties of DC cast 7X50 aluminum alloy. <i>Transactions of Nonferrous Metals Society of China</i> , 2015 , 25, 1027-1034	3.3	37
6	Existing form and action mechanism of minor scandium and zirconium in Al-Cu-Mg alloy. <i>Central South University</i> , 2010 , 17, 19-23		5
5	Comparative investigation of tungsten inert gas and friction stir welding characteristics of AlMgSc alloy plates. <i>Materials & Design</i> , 2010 , 31, 306-311		63
4	Effect of homogenization treatment on microstructure and properties of Al-Mg-Mn-Sc-Zr alloy. <i>Central South University</i> , 2007 , 14, 452-455		7
3	High cycle fatigue characteristics of 2124-T851 aluminum alloy. <i>Frontiers of Materials Science in China</i> , 2007 , 1, 168-172		4
2	Microstructure and properties of Al-Mg-(Sc, Zr) welded joint. <i>Central South University</i> , 2005 , 12, 23-27		1
1	Effect of minor Sc and Zr on the microstructure and mechanical properties of AlMg based alloys. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2000 , 280, 151-155	5.3	182