

Jin-feng Li

List of Publications by Year in Descending Order

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

40
papers

792
citations

14
h-index

27
g-index

41
ext. papers

1,023
ext. citations

3.7
avg, IF

4.03
L-index

#	Paper	IF	Citations
40	Effect of grain structure and precipitate on tensile properties and low-cycle fatigue behaviors of 2A55 Al-Cu-Li alloy. <i>International Journal of Fatigue</i> , 2022 , 159, 106834	5	1
39	T1 precipitate bands and particle stimulated nucleation in 2195 Al-Cu-Li alloy during hot deformation. <i>Journal of Alloys and Compounds</i> , 2022 , 909, 164716	5.7	2
38	Characterization of Al ₃ Zr precipitation via double-step homogenization and recrystallization behavior after subsequent deformation in 2195 Al-Li alloy. <i>Materials Characterization</i> , 2021 , 182, 111549 ^{3.9}	3.9	6
37	Sluggish precipitation strengthening in AlLi alloy with a high concentration of Mg. <i>Journal of Materials Research and Technology</i> , 2021 , 11, 1806-1815	5.5	2
36	Effects of microstructure on tensile properties of AA2050-T84 Al-Li alloy. <i>Transactions of Nonferrous Metals Society of China</i> , 2021 , 31, 1189-1204	3.3	7
35	Quench sensitivity and microstructure evolution of the 2060 Al-Cu-Li alloy with a low Mg content. <i>Materials Characterization</i> , 2021 , 177, 111156	3.9	3
34	Microstructural evolution and mechanical properties of a new AlCuLi alloy at different solution temperatures. <i>Rare Metals</i> , 2021 , 40, 635-642	5.5	4
33	Detailed investigation of quench sensitivity of 2050 Al-Cu-Li alloy by interrupted quenching method and novel end quenching method. <i>Journal of Alloys and Compounds</i> , 2021 , 888, 161450	5.7	1
32	The effect of Ag element on the microstructure characteristic evolution of an AlCuLiMg alloy. <i>Journal of Materials Research and Technology</i> , 2020 , 9, 11121-11134	5.5	8
31	Evolution of aging precipitates in an AlLi alloy with 1.5 wt% Li concentration. <i>Vacuum</i> , 2020 , 182, 109677 ^{3.7}	3.7	10
30	Cu/Li Ratio on the Microstructure Evolution and Corrosion Behaviors of AlCuLiMg Alloys. <i>Acta Metallurgica Sinica (English Letters)</i> , 2020 , 33, 1201-1216	2.5	3
29	The influence of Zn addition on microstructure of an Al-1.7 Cu-4.0 Li-0.4 Mg alloy. <i>Journal of Materials Research and Technology</i> , 2020 , 9, 2423-2439	5.5	4
28	Strength and structure variation of 2195 Al-Li alloy caused by different deformation processes of hot extrusion and cold-rolling. <i>Transactions of Nonferrous Metals Society of China</i> , 2020 , 30, 835-849	3.3	9
27	Microstructure evolution and mechanical properties of Al-Cu-Li alloys with different rolling schedules and subsequent artificial ageing heat treatment. <i>Materials Characterization</i> , 2020 , 170, 110676 ^{3.9}	3.9	6
26	Microstructure Evolution and Mechanical Properties of the 2195 Al-Li Alloy via Different Annealing and Ramp Heating-Up Treatments. <i>Metals</i> , 2020 , 10, 910	2.3	2
25	Precipitate microstructures, mechanical properties and corrosion resistance of Al-1.0 wt%Cu-2.5 wt%Li alloys with different micro-alloyed elements addition. <i>Materials Characterization</i> , 2020 , 167, 110528 ^{3.9}	3.9	11
24	Distribution and evolution of aging precipitates in Al-Cu-Li alloy with high Li concentration. <i>Transactions of Nonferrous Metals Society of China</i> , 2019 , 29, 15-24	3.3	17

23	Grain structure and tensile property of Al-Li alloy sheet caused by different cold rolling reduction. <i>Transactions of Nonferrous Metals Society of China</i> , 2019 , 29, 1569-1582	3.3	6
22	Sandwich Structure in Al-Cu(-Au) Alloys Characterization by Atomic-Resolution HAADF-STEM and EDXS-STEM. <i>Microscopy and Microanalysis</i> , 2019 , 25, 1700-1701	0.5	
21	Effect of different aging processes on the corrosion behavior of new AlCuLiZrSc alloys. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2019 , 70, 2266-2277	1.6	2
20	Analysing the degree of sensitisation in 5xxx series aluminium alloys using artificial neural networks: A tool for alloy design. <i>Corrosion Science</i> , 2019 , 150, 268-278	6.8	16
19	The role of grain structure characteristics on the localised corrosion feature in the 1445 Al-Cu-Li alloy. <i>Materials Characterization</i> , 2019 , 158, 109981	3.9	10
18	Flow curve correction and processing map of 2050 AlLi alloy. <i>Transactions of Nonferrous Metals Society of China</i> , 2018 , 28, 404-414	3.3	15
17	Impact of Annealing Prior to Solution Treatment on Aging Precipitates and Intergranular Corrosion Behavior of Al-Cu-Li Alloy 2050. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2018 , 49, 2471-2486	2.3	6
16	Experimental quantification of Hardenability of 2195 and 2050 Al-Li alloys by using cold-rolled sheets. <i>Materials Characterization</i> , 2018 , 137, 180-188	3.9	5
15	Structures and tensile properties of Sc-containing 1445 Al-Li alloy sheet. <i>Journal of Alloys and Compounds</i> , 2018 , 747, 471-483	5.7	18
14	Correlation of intergranular corrosion behaviour with microstructure in Al-Cu-Li alloy. <i>Corrosion Science</i> , 2018 , 139, 215-226	6.8	35
13	Microstructures evolution and mechanical properties disparity in 2070 Al-Li alloy with minor Sc addition. <i>Transactions of Nonferrous Metals Society of China</i> , 2018 , 28, 2151-2161	3.3	9
12	Influence of Pre-deformation on Aging Precipitation Behavior of Three AlCuLi Alloys. <i>Acta Metallurgica Sinica (English Letters)</i> , 2017 , 30, 133-145	2.5	31
11	Variation of Aging Precipitates and Mechanical Strength of Al-Cu-Li Alloys Caused by Small Addition of Rare Earth Elements. <i>Journal of Materials Engineering and Performance</i> , 2017 , 26, 4329-4339	1.6	5
10	Microstructure and mechanical properties of Mg, Ag and Zn multi-microalloyed Al(B.2B.8)Cu(1.0B.4)Li alloys. <i>Transactions of Nonferrous Metals Society of China</i> , 2015 , 25, 2103-2112	3.3	39
9	Dynamic restoration mechanism and physically based constitutive model of 2050 AlLi alloy during hot compression. <i>Journal of Alloys and Compounds</i> , 2015 , 650, 75-85	5.7	61
8	Hot deformation behavior and microstructure evolution of 1460 AlLi alloy. <i>Transactions of Nonferrous Metals Society of China</i> , 2015 , 25, 3855-3864	3.3	18
7	Mechanical Property and Intergranular Corrosion Sensitivity of Zn-Free and Zn-Microalloyed Al-2.7Cu-1.7Li-0.3Mg Alloys. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2014 , 45, 5736-5748	2.3	14
6	Electrodeposition and characterization of nano-structured black nickel thin films. <i>Transactions of Nonferrous Metals Society of China</i> , 2013 , 23, 2300-2306	3.3	26

5	Corrosion mechanism associated with Mg ₂ Si and Si particles in AlMgSi alloys. <i>Transactions of Nonferrous Metals Society of China</i> , 2011 , 21, 2559-2567	3-3	115
4	Mechanical properties, corrosion behaviors and microstructures of 7075 aluminium alloy with various aging treatments. <i>Transactions of Nonferrous Metals Society of China</i> , 2008 , 18, 755-762	3-3	195
3	Corrosion behavior of 2195 and 1420 Al-Li alloys in neutral 3.5% NaCl solution under tensile stress. <i>Transactions of Nonferrous Metals Society of China</i> , 2006 , 16, 1171-1177	3-3	31
2	Simulation on function mechanism of T1(Al ₂ CuLi) precipitate in localized corrosion of Al-Cu-Li alloys. <i>Transactions of Nonferrous Metals Society of China</i> , 2006 , 16, 1268-1273	3-3	36
1	Effects of Dynamic Precipitation and Processing Parameters on Dynamic Recrystallization Behavior of 2195 Al-Cu-Li Alloy during Hot Compression. <i>Journal of Materials Engineering and Performance</i> , 1	1.6	2