Jin-feng Li

List of Publications by Citations

40	792	14	27
papers	citations	h-index	g-index
41	1,023	3.7	4.03
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
40	Mechanical properties, corrosion behaviors and microstructures of 7075 aluminium alloy with various aging treatments. *Transactions of Nonferrous Metals Society of China*, **2008**, 18, 755-762	3.3	195
39	Corrosion mechanism associated with Mg2Si and Si particles in Al–Mg–Si alloys. *Transactions of Nonferrous Metals Society of China*, **2011**, 21, 2559-2567	3.3	115
38	Dynamic restoration mechanism and physically based constitutive model of 2050 Al–Li alloy during hot compression. *Journal of Alloys and Compounds*, **2015**, 650, 75-85	5.7	61
37	Microstructure and mechanical properties of Mg, Ag and Zn multi-microalloyed Al–(3.2–3.8)Cu–(1.0–1.4)Li alloys. *Transactions of Nonferrous Metals Society of China*, **2015**, 25, 2103-2112	3.3	39
36	Simulation on function mechanism of T1(Al2CuLi) precipitate in localized corrosion of Al-Cu-Li alloys. *Transactions of Nonferrous Metals Society of China*, **2006**, 16, 1268-1273	3.3	36
35	Correlation of intergranular corrosion behaviour with microstructure in Al-Cu-Li alloy. *Corrosion Science*, **2018**, 139, 215-226	6.8	35
34	Influence of Pre-deformation on Aging Precipitation Behavior of Three Al–Cu–Li Alloys. *Acta Metallurgica Sinica (English Letters)*, **2017**, 30, 133-145	2.5	31
33	Corrosion behavior of 2195 and 1420 Al-Li alloys in neutral 3.5% NaCl solution under tensile stress. *Transactions of Nonferrous Metals Society of China*, **2006**, 16, 1171-1177	3.3	31
32	Electrodeposition and characterization of nano-structured black nickel thin films. *Transactions of Nonferrous Metals Society of China*, **2013**, 23, 2300-2306	3.3	26
31	Structures and tensile properties of Sc-containing 1445 Al-Li alloy sheet. *Journal of Alloys and Compounds*, **2018**, 747, 471-483	5.7	18
30	Hot deformation behavior and microstructure evolution of 1460 Al–Li alloy. *Transactions of Nonferrous Metals Society of China*, **2015**, 25, 3855-3864	3.3	18
29	Distribution and evolution of aging precipitates in Al-Cu-Li alloy with high Li concentration. *Transactions of Nonferrous Metals Society of China*, **2019**, 29, 15-24	3.3	17
28	Analysing the degree of sensitisation in 5xxx series aluminium alloys using artificial neural networks: A tool for alloy design. *Corrosion Science*, **2019**, 150, 268-278	6.8	16
27	Flow curve correction and processing map of 2050 Al–Li alloy. *Transactions of Nonferrous Metals Society of China*, **2018**, 28, 404-414	3.3	15
26	Mechanical Property and Intergranular Corrosion Sensitivity of Zn-Free and Zn-Microalloyed Al-2.7Cu-1.7Li-0.3Mg Alloys. *Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science*, **2014**, 45, 5736-5748	2.3	14
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. *Materials Characterization*, **2020**, 167, 110528	3.9	11
24	Evolution of aging precipitates in an Al–Li alloy with 1.5 wt% Li concentration. *Vacuum*, **2020**, 182, 109677	3.7	10

23	The role of grain structure characteristics on the localised corrosion feature in the 1445 Al-Cu-Li alloy. *Materials Characterization*, **2019**, 158, 109981	3.9	10
22	Strength and structure variation of 2195 Al-Li alloy caused by different deformation processes of hot extrusion and cold-rolling. *Transactions of Nonferrous Metals Society of China*, **2020**, 30, 835-849	3.3	9
21	Microstructures evolution and mechanical properties disparity in 2070 Al-Li alloy with minor Sc addition. *Transactions of Nonferrous Metals Society of China*, **2018**, 28, 2151-2161	3.3	9
20	The effect of Ag element on the microstructure characteristic evolution of an Al□Cu□Li□Mg alloy. *Journal of Materials Research and Technology*, **2020**, 9, 11121-11134	5.5	8
19	Effects of microstructure on tensile properties of AA2050-T84 Al-Li alloy. *Transactions of Nonferrous Metals Society of China*, **2021**, 31, 1189-1204	3.3	7
18	Grain structure and tensile property of Al-Li alloy sheet caused by different cold rolling reduction. *Transactions of Nonferrous Metals Society of China*, **2019**, 29, 1569-1582	3.3	6
17	Impact of Annealing Prior to Solution Treatment on Aging Precipitates and Intergranular Corrosion Behavior of Al-Cu-Li Alloy 2050. *Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science*, **2018**, 49, 2471-2486	2.3	6
16	Characterization of Al3Zr precipitation via double-step homogenization and recrystallization behavior after subsequent deformation in 2195 Al-Li alloy. *Materials Characterization*, **2021**, 182, 111549	3.9	6
15	Microstructure evolution and mechanical properties of Al-Cu-Li alloys with different rolling schedules and subsequent artificial ageing heat treatment. *Materials Characterization*, **2020**, 170, 110676	3.9	6
14	Experimental quantification of □ardenability□ of 2195 and 2050 Al-Li alloys by using cold-rolled sheets. *Materials Characterization*, **2018**, 137, 180-188	3.9	5
13	Variation of Aging Precipitates and Mechanical Strength of Al-Cu-Li Alloys Caused by Small Addition of Rare Earth Elements. *Journal of Materials Engineering and Performance*, **2017**, 26, 4329-4339	1.6	5
12	The influence of Zn addition on microstructure of an Al-1.7 Cu-4.0 Li-0.4 Mg alloy. *Journal of Materials Research and Technology*, **2020**, 9, 2423-2439	5.5	4
11	Microstructural evolution and mechanical properties of a new Al□Cu□Li□X alloy at different solution temperatures. *Rare Metals*, **2021**, 40, 635-642	5.5	4
10	Cu/Li Ratio on the Microstructure Evolution and Corrosion Behaviors of Al□Cu□Li□Mg Alloys. *Acta Metallurgica Sinica (English Letters)*, **2020**, 33, 1201-1216	2.5	3
9	Quench sensitivity and microstructure evolution of the 2060 Al-Cu-Li alloy with a low Mg content. *Materials Characterization*, **2021**, 177, 111156	3.9	3
8	Effect of different aging processes on the corrosion behavior of new Al□Cu□Li□Zr□Sc alloys. *Materials and Corrosion - Werkstoffe Und Korrosion*, **2019**, 70, 2266-2277	1.6	2
7	Effects of Dynamic Precipitation and Processing Parameters on Dynamic Recrystallization Behavior of 2195 Al-Cu-Li Alloy during Hot Compression. *Journal of Materials Engineering and Performance*,1	1.6	2
6	Microstructure Evolution and Mechanical Properties of the 2195 Al-Li Alloy via Different Annealing and Ramp Heating-Up Treatments. *Metals*, **2020**, 10, 910	2.3	2

5	Sluggish precipitation strengthening in Al□i alloy with a high concentration of Mg. *Journal of Materials Research and Technology*, **2021**, 11, 1806-1815	5.5	2
4	T1 precipitate bands and particle stimulated nucleation in 2195 Al-Cu-Li alloy during hot deformation. *Journal of Alloys and Compounds*, **2022**, 909, 164716	5.7	2
3	Detailed investigation of quench sensitivity of 2050 Al-Cu-Li alloy by interrupted quenching method and novel end quenching method. *Journal of Alloys and Compounds*, **2021**, 888, 161450	5.7	1
2	Effect of grain structure and precipitate on tensile properties and low-cycle fatigue behaviors of 2A55 Al-Cu-Li alloy. *International Journal of Fatigue*, **2022**, 159, 106834	5	1
1	Sandwich Structure in Al-Cu(-Au) Alloys□Characterization by Atomic-Resolution HAADF-STEM and EDXS-STEM. *Microscopy and Microanalysis*, **2019**, 25, 1700-1701	0.5	