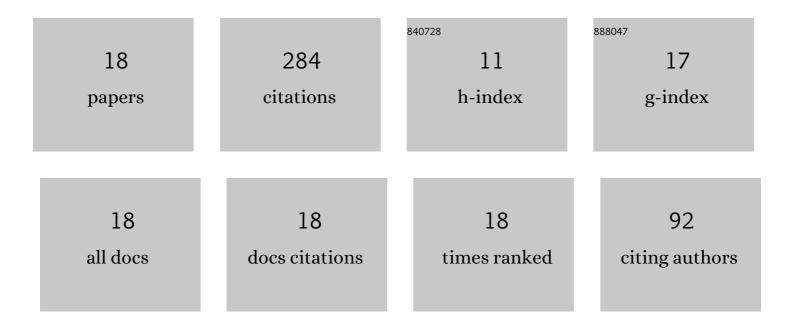
Jiqiang Chen

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Effect of crystal orientations and precipitates on the corrosion behavior of the Al-Cu alloy using single crystals. Journal of Alloys and Compounds, 2022, 890, 161858.	5.5	9
2	Microstructure and properties of 7075 aluminum alloy welding joint using different filler metals. Materials Today Communications, 2022, 31, 103260.	1.9	10
3	The initial corrosion behavior of Al–Cu–Li bicrystals: effect of misorientation and precipitates. Journal of Materials Research and Technology, 2022, 18, 3716-3724.	5.8	6
4	Effects of Sc and Zr addition on the solidification and mechanical properties of Al–Fe alloys. Journal of Materials Research and Technology, 2022, 18, 112-121.	5.8	14
5	Optimization of heat treatment for an Al–Mg–Sc–Mn–Zr alloy with ultrafine grains manufactured by laser powder bed fusion. Materials Characterization, 2022, 189, 111977.	4.4	17
6	Effect of erbium (Er) on the hot cracking behaviour of Al-5Cu alloy. Materials Science and Technology, 2022, 38, 1501-1509.	1.6	1
7	The microstructure and property of Al–Si alloy improved by the Sc-microalloying and Y ₂ O ₃ nano-particles. Science and Technology of Advanced Materials, 2021, 22, 205-217.	6.1	13
8	Effect of TiC nanoparticles on the hot deformation behavior of AA7075 aluminum alloy. Materials Characterization, 2021, 181, 111508.	4.4	11
9	Stress aging of Al–Cu–Mg–Ag single crystal: The effect of the loading orientations. Journal of Alloys and Compounds, 2020, 816, 152635.	5.5	16
10	Effect of ageing treatments on the precipitation behavior and mechanical properties of Al–Cu–Li alloys. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2020, 773, 138885.	5.6	44
11	Effect of microalloying and tensile deformation on the internal structures of eutectic Si phase in Al-Si alloy. Journal of Materials Research and Technology, 2020, 9, 4682-4691.	5.8	22
12	Enhancing the Corrosion Resistance of Al–Cu–Li Alloys through Regulating Precipitation. Materials, 2020, 13, 2628.	2.9	7
13	Improving the comprehensive mechanical property of the rheo-extruded Al-Fe alloy by severe rolling deformation. Journal of Materials Research and Technology, 2020, 9, 1768-1779.	5.8	12
14	A three-dimensional characterization method for the preferentially oriented precipitation of Ω-phase in stress-aged Al-Cu-Mg-Ag single crystal. Materials Characterization, 2019, 153, 184-189.	4.4	17
15	Microstructure and Mechanical Behavior of Friction Stir-Welded Sc-Modified Al-Zn-Mg Alloys Made Using Different Base Metal Tempers. Journal of Materials Engineering and Performance, 2019, 28, 916-925.	2.5	16
16	Revisit the stress-orienting effect of \hat{l}' in Al-Cu single crystal during stress aging. Materials Characterization, 2018, 135, 270-277.	4.4	25
17	Effect of loading orientations on the microstructure and property of Al Cu single crystal during stress aging. Materials Characterization, 2016, 117, 35-40.	4.4	18
18	Changing distribution and geometry of S′ in Al–Cu–Mg single crystals during stress aging by controlling the loading orientation. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2016, 650, 154-160.	5.6	26