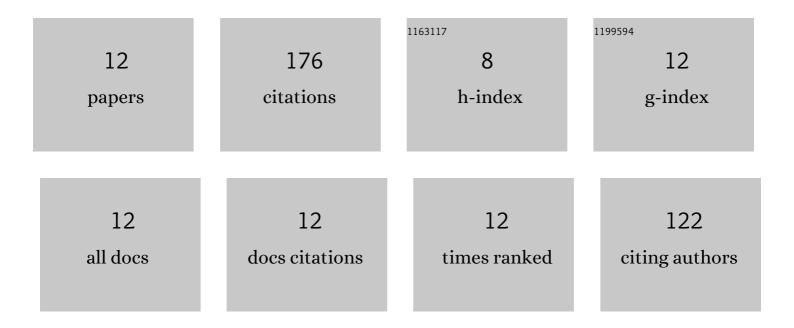
Guangyu Liu

List of Publications by Year in descending order

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CHANCYU LU

#	Article	IF	CITATIONS
1	Effect of high pressure die casting on the castability, defects and mechanical properties of aluminium alloys in extra-large thin-wall castings. Journal of Materials Processing Technology, 2022, 303, 117525.	6.3	23
2	Processing of SiC nano-reinforced AlSi9Cu3 composites by stir mixing, ultrasonication and high pressure die casting. Journal of Materials Research and Technology, 2022, 18, 2384-2398.	5.8	10
3	High Cycle Fatigue Properties of the Zr-Modified Al–Si–Cu–Mg Alloy at Elevated Temperatures. Minerals, Metals and Materials Series, 2020, , 253-260.	0.4	2
4	Effect of Zr on the high cycle fatigue and mechanical properties of Al–Si–Cu–Mg alloys at elevated temperatures. Journal of Alloys and Compounds, 2019, 809, 151795.	5.5	31
5	Electrochemical corrosion behaviour of Sn-Zn-xBi alloys used for miniature detonating cords. Journal of Materials Science and Technology, 2019, 35, 1618-1628.	10.7	24
6	Microstructure, dynamic restoration and recrystallization texture of Sn-Cu after rolling at room temperature. Materials Characterization, 2019, 150, 174-183.	4.4	12
7	Effect of Bi on the microstructure and mechanical properties of Sn-Zn alloys processed by rolling. Materials Characterization, 2018, 137, 39-49.	4.4	19
8	Microstructure and mechanical properties of Sn–Cu alloys for detonating and explosive cords. Materials Science and Technology, 2017, 33, 1907-1918.	1.6	4
9	Microstructural evolution of Cu–Al alloys subjected to multi-axial compression. Materials Characterization, 2015, 103, 107-119.	4.4	26
10	An investigation of the mechanical behaviors of micro-sized tungsten whiskers using nanoindentation. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2014, 594, 278-286.	5.6	17
11	Factors affecting the growth of micro/nano-sized tungsten whiskers synthesised by vapour deposition. Philosophical Magazine, 2013, 93, 584-597.	1.6	4
12	Exact solution for a two-dimensional Lamb's problem due to a strip impulse loading. Acta Mechanica Solida Sinica, 2007, 20, 258-265.	1.9	4