

Guangyu Liu

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

176
citations

1163117

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1199594

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all docs

12
docs citations

12
times ranked

122
citing authors

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