

Yuxuan Liu

List of Publications by Year in descending order

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7
papers

170
citations

1478505

6
h-index

1720034

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7
all docs

7
docs citations

7
times ranked

88
citing authors

#	ARTICLE	IF	CITATIONS
1	Kinking-facilitated nano-crystallization in a shock compressed Mg-1Zn alloy. Journal of Magnesium and Alloys, 2023, 11, 1162-1169.	11.9	2
2	Twin recrystallization mechanisms in a high strain rate compressed Mg-Zn alloy. Journal of Magnesium and Alloys, 2021, 9, 499-504.	11.9	40
3	Ultrafine-grained dual-phase maraging steel with high strength and excellent cryogenic toughness. Acta Materialia, 2021, 211, 116878.	7.9	51
4	The effect of basal $\frac{1}{2}\langle 11\bar{1}0 \rangle$ dislocation on $\langle 11\bar{1}0 \rangle$ twin boundary evolution in a Mg-Gd-Y-Zr alloy. Journal of Materials Science and Technology, 2021, 81, 110192.	10.7	15
5	Influence of twinning-induced recrystallization on texture evolution in a high strain rate compressed Mg-Zn alloy. Materials Characterization, 2020, 162, 110192.	4.4	30
6	Effect of K_2SO_4 additions on properties of porous fibrous alumina ceramics prepared by DCC and lost-form method. Journal of the American Ceramic Society, 2018, 101, 2216-2227.	3.8	11
7	Fabrication of porous fibrous alumina ceramics by direct coagulation casting combined with 3D printing. Ceramics International, 2018, 44, 4845-4852.	4.8	21