

# Yuxuan Liu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1960400/publications.pdf>

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7  
papers

170  
citations

1478505

6  
h-index

1720034

7  
g-index

7  
all docs

7  
docs citations

7  
times ranked

88  
citing authors

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