

Zhigang Ding

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9188723/publications.pdf>

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4
papers

118
citations

2258059

3
h-index

2550090

3
g-index

4
all docs

4
docs citations

4
times ranked

132
citing authors

#	ARTICLE	IF	CITATIONS
1	Origins and dissociation of pyramidal $\frac{1}{2}\langle 111 \rangle$ dislocations in magnesium and its alloys. Acta Materialia, 2018, 146, 265-272.	7.9	82
2	Contribution of van der Waals forces to the plasticity of magnesium. Acta Materialia, 2016, 107, 127-132.	7.9	20
3	Predicting the formation of $\frac{1}{2}\langle 111 \rangle$ dislocations in magnesium alloys from multiple stacking fault energies. Materialia, 2019, 7, 100352.	2.7	16
4	Zigzag Dissociation Mode of $\frac{1}{2}\langle 111 \rangle$ Dislocations on the 101$\bar{1}$ Plane in Magnesium Alloys. Advances in Materials Science and Engineering, 2020, 2020, 1-5.	1.8	0