

Zhigang Ding

List of Publications by Year in descending order

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4
papers

118
citations

2258059

3
h-index

2550090

3
g-index

4
all docs

4
docs citations

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times ranked

132
citing authors

#	ARTICLE	IF	CITATIONS
1	Zigzag Dissociation Mode of $\frac{1}{2}\langle 111 \rangle$ Dislocations on the $10\bar{1}1$ Plane in Magnesium Alloys. <i>Advances in Materials Science and Engineering</i> , 2020, 2020, 1-5.	1.8	0
2	Predicting the formation of $\frac{1}{2}\langle 111 \rangle$ dislocations in magnesium alloys from multiple stacking fault energies. <i>Materialia</i> , 2019, 7, 100352.	2.7	16
3	Origins and dissociation of pyramidal $\frac{1}{2}\langle 111 \rangle$ dislocations in magnesium and its alloys. <i>Acta Materialia</i> , 2018, 146, 265-272.	7.9	82
4	Contribution of van der Waals forces to the plasticity of magnesium. <i>Acta Materialia</i> , 2016, 107, 127-132.	7.9	20