

Nan Yang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3331282/publications.pdf>

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6
papers

459
citations

1684188

5
h-index

1872680

6
g-index

6
all docs

6
docs citations

6
times ranked

481
citing authors

#	ARTICLE	IF	CITATIONS
1	The cross-transition of deformation twinning in magnesium. <i>Scripta Materialia</i> , 2022, 206, 114231.	5.2	3
2	Rejuvenation of plasticity via deformation graining in magnesium. <i>Nature Communications</i> , 2022, 13, 1060.	12.8	26
3	Large plasticity in magnesium mediated by pyramidal dislocations. <i>Science</i> , 2019, 365, 73-75.	12.6	264
4	In-situ quantitative TEM investigation on the dynamic evolution of individual twin boundary in magnesium under cyclic loading. <i>Acta Materialia</i> , 2019, 179, 414-423.	7.9	30
5	Insight from in situ microscopy into which precipitate morphology can enable high strength in magnesium alloys. <i>Journal of Materials Science and Technology</i> , 2018, 34, 1061-1066.	10.7	60
6	Turning a native or corroded Mg alloy surface into an anti-corrosion coating in excited CO ₂ . <i>Nature Communications</i> , 2018, 9, 4058.	12.8	76