

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 | Large plasticity in magnesium mediated by pyramidal dislocations. <i>Science</i> , 2019, 365, 73-75. | 12.6 | 264 |
| 2 | 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 |
| 3 | 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 |
| 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 | Rejuvenation of plasticity via deformation graining in magnesium. <i>Nature Communications</i> , 2022, 13, 1060. | 12.8 | 26 |
| 6 | The cross-transition of deformation twinning in magnesium. <i>Scripta Materialia</i> , 2022, 206, 114231. | 5.2 | 3 |