

Di Xie

List of Publications by Year in descending order

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3
papers

34
citations

2258059

3
h-index

2550090

3
g-index

3
all docs

3
docs citations

3
times ranked

13
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|--|-----|-----------|
| 1 | Plastic anisotropy and twin distributions near the fatigue crack tip of textured Mg alloys from in situ synchrotron X-ray diffraction measurements and multiscale mechanics modeling. <i>Journal of the Mechanics and Physics of Solids</i> , 2022, 165, 104936. | 4.8 | 8 |
| 2 | In situ monitoring of dislocation, twinning, and detwinning modes in an extruded magnesium alloy under cyclic loading conditions. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2021, 806, 140860. | 5.6 | 11 |
| 3 | Micromechanical origin of the enhanced ductility in twinless duplex Mg-Li alloy. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2021, 815, 141305. | 5.6 | 15 |