

Hassan A Khater

List of Publications by Year in descending order

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Version: 2024-02-01

6
papers

324
citations

1478505

6
h-index

1872680

6
g-index

6
all docs

6
docs citations

6
times ranked

392
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|--|-----|-----------|
| 1 | The disconnection mechanism of coupled migration and shear at grain boundaries. Acta Materialia, 2012, 60, 2007-2020. | 7.9 | 108 |
| 2 | Atomic shearing and shuffling accompanying the motion of twinning disconnections in Zirconium. Philosophical Magazine, 2013, 93, 1279-1298. | 1.6 | 76 |
| 3 | Interaction of carbon with vacancy and self-interstitial atom clusters in $\hat{\epsilon}$ -iron studied using metallic covalent interatomic potential. Journal of Nuclear Materials, 2011, 408, 272-284. | 2.7 | 55 |
| 4 | Dislocation core structure and dynamics in two atomic models of $\hat{\epsilon}$ -zirconium. Acta Materialia, 2010, 58, 2978-2987. | 7.9 | 52 |
| 5 | Dislocation glide in Fe carbon solid solution: From atomistic to continuum level description. International Journal of Plasticity, 2014, 62, 34-49. | 8.8 | 26 |
| 6 | Improved dielectric properties of $\text{Na}_{1/2}\text{Y}_{1/2}\text{Cu}_3\text{Ti}_4\text{O}_{12}$ ceramics synthesized by ball-milling and reactive sintering. Materials Research Express, 2020, 7, 026550. | 1.6 | 7 |