

Kedharnath A

List of Publications by Year in descending order

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Version: 2024-02-01

7
papers

125
citations

1478505

6
h-index

1720034

7
g-index

7
all docs

7
docs citations

7
times ranked

52
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular dynamics simulation of the interaction of a nano-scale crack with grain boundaries in $\hat{\pm}$ -Fe. Computational Materials Science, 2017, 137, 85-99.	3.0	31
2	Effect of symmetrical and asymmetrical tilt grain boundaries on the tensile deformation of zirconium bicrystals: a MD-based study. Journal of Materials Science, 2019, 54, 3082-3095.	3.7	24
3	Classical molecular dynamics simulations of the deformation of metals under uniaxial monotonic loading: A review. Computers and Structures, 2021, 254, 106614.	4.4	23
4	Atomistic simulation of interaction of collision cascade with different types of grain boundaries in $\hat{\pm}$ -Fe. Journal of Nuclear Materials, 2019, 523, 444-457.	2.7	21
5	Molecular dynamics-based simulations to study crack tip interaction with symmetrical and asymmetrical tilt grain boundaries in Zr. Journal of Nuclear Materials, 2019, 526, 151739.	2.7	18
6	Irradiation studies on a reactor pressure vessel steel using Fe ⁺ ion. Materials Research Express, 2019, 6, 1065c5.	1.6	7
7	Effect of Tungsten Addition on Shock Loading Behavior in Ta-W System: A Molecular Dynamics Study. Lecture Notes in Mechanical Engineering, 2022, , 113-122.	0.4	1