

Fengwei Sun

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

176
citations

1478505

6
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1588992

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g-index

8
all docs

8
docs citations

8
times ranked

175
citing authors

#	ARTICLE	IF	CITATIONS
1	Strain gradient crystal plasticity modelling of size effects in a hierarchical martensitic steel using the Voronoi tessellation method. <i>International Journal of Plasticity</i> , 2019, 119, 215-229.	8.8	41
2	Plastic flattening of a sinusoidal metal surface: A discrete dislocation plasticity study. <i>Wear</i> , 2012, 296, 672-680.	3.1	32
3	Helical Wrapping and Insertion of Graphene Nanoribbon to Single-Walled Carbon Nanotube. <i>Journal of Physical Chemistry C</i> , 2011, 115, 18459-18467.	3.1	30
4	Microscale modelling of the deformation of a martensitic steel using the Voronoi tessellation method. <i>Journal of the Mechanics and Physics of Solids</i> , 2018, 113, 35-55.	4.8	28
5	Dry frictional contact of metal asperities: A dislocation dynamics analysis. <i>Acta Materialia</i> , 2016, 109, 162-169.	7.9	21
6	Interaction between neighboring asperities during flattening: A discrete dislocation plasticity analysis. <i>Mechanics of Materials</i> , 2015, 90, 157-165.	3.2	14
7	Effect of Plastic Flattening on the Shearing Response of Metal Asperities: A Dislocation Dynamics Analysis. <i>Journal of Applied Mechanics, Transactions ASME</i> , 2015, 82, .	2.2	6
8	Investigation of the relation between bainitic-ferritic microstructures and coincidence-site lattice boundaries by electron backscatter diffraction. <i>Materials Letters</i> , 2020, 267, 127553.	2.6	4