

Lisha Niu

List of Publications by Year in descending order

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9
papers

140
citations

1307366
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1474057
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g-index

9
all docs

9
docs citations

9
times ranked

204
citing authors

#	ARTICLE	IF	CITATIONS
1	Shock response of copper bicrystals with a ~ 3 asymmetric tilt grain boundary. Computational Materials Science, 2012, 59, 94-100.	1.4	25
2	Effects of orientation and vacancy defects on the shock Hugoniot behavior and spallation of single-crystal copper. Modelling and Simulation in Materials Science and Engineering, 2014, 22, 035012.	0.8	25
3	Molecular dynamics simulation of nano-scale interfacial friction characteristic for different tribopair systems. Applied Surface Science, 2012, 258, 2022-2028.	3.1	23
4	Tensile mechanical behaviors of cubic silicon carbide thin films. Computational Materials Science, 2012, 62, 195-202.	1.4	20
5	Grain boundary effects on defect production and mechanical properties of irradiated nanocrystalline SiC. Journal of Applied Physics, 2012, 111, .	1.1	15
6	Adsorption of Methane, Nitrogen, and Carbon Dioxide in Atomic-Scale Fractal Nanopores by Monte Carlo Simulation I: Single-Component Adsorption. Energy & Fuels, 2019, 33, 10457-10475.	2.5	14
7	Molecular dynamics study on the nano-void growth and coalescence at grain boundary. Science China: Physics, Mechanics and Astronomy, 2012, 55, 86-93.	2.0	9
8	Effects of irradiation on the mechanical behavior of twined SiC nanowires. Journal of Applied Physics, 2013, 113, 104309.	1.1	7
9	Effect of uniaxial stress on the threshold displacement energy of silicon carbide. Journal of Applied Physics, 2018, 124, .	1.1	2