

Xiao-Bao Jiang

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

60
citations

1937685

4
h-index

1720034

7
g-index

10
all docs

10
docs citations

10
times ranked

64
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling the surface stress and solid-liquid interface energy of alkali halide crystals. Journal of Physics and Chemistry of Solids, 2022, 164, 110652.	4.0	0
2	Interfacial melting mechanism of nanocrystals determined by interfacial energy and interfacial stress. Physical Chemistry Chemical Physics, 2022, 24, 11336-11344.	2.8	0
3	Prediction of the surface and interface stress of metallic elements. Vacuum, 2021, 192, 110428.	3.5	5
4	Reestimating the surface stress and solid-liquid interface energy of semiconductors. Applied Physics A: Materials Science and Processing, 2021, 127, 1.	2.3	1
5	Modeling the melting temperature, melting entropy and melting enthalpy of freestanding metallic nanoparticles. Materials Chemistry and Physics, 2020, 241, 122280.	4.0	5
6	Thermoelectric properties of Sn doped GeTe thin films. Applied Surface Science, 2020, 507, 145025.	6.1	21
7	Estimation of the solid-liquid interface energy for metal elements. Computational Materials Science, 2019, 170, 109174.	3.0	12
8	Definition of Interface Parameter and Its Application on Estimating the Thermal Stability of Metallic Nanoparticles. Journal of Physical Chemistry C, 2018, 122, 26260-26266.	3.1	7
9	Modeling Verwey transition temperature of Fe ₃ O ₄ nanocrystals. Applied Physics Letters, 2016, 109, .	3.3	7
10	Cubine Monolayer as a Super Sensor for NO ₂ Molecule Detection and Capture. Advanced Theory and Simulations, 0, , 2100384.	2.8	2