

Yu Cuiqian

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

361
citations

933447

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1281871

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all docs

11
docs citations

11
times ranked

168
citing authors

#	ARTICLE	IF	CITATIONS
1	Accurate description of high-order phonon anharmonicity and lattice thermal conductivity from molecular dynamics simulations with machine learning potential. <i>Physical Review B</i> , 2022, 105, .	3.2	45
2	Enhancement of the lattice thermal conductivity of two-dimensional functionalized MXenes by inversion symmetry breaking. <i>Physical Review B</i> , 2022, 105, .	3.2	14
3	Enhancing thermal transport in multilayer structures: A molecular dynamics study on Lennard-Jones solids. <i>Frontiers of Physics</i> , 2022, 17, .	5.0	8
4	Machine learning approach for the prediction and optimization of thermal transport properties. <i>Frontiers of Physics</i> , 2021, 16, 1.	5.0	39
5	The Impact of Interlayer Rotation on Thermal Transport Across Graphene/Hexagonal Boron Nitride van der Waals Heterostructure. <i>Nano Letters</i> , 2021, 21, 2634-2641.	9.1	104
6	Total-transmission and total-reflection of individual phonons in phononic crystal nanostructures. <i>APL Materials</i> , 2021, 9, .	5.1	24
7	Tunable phononic thermal transport in two-dimensional C6CaC6 via guest atom intercalation. <i>Journal of Applied Physics</i> , 2021, 129, .	2.5	15
8	A perspective on the hydrodynamic phonon transport in two-dimensional materials. <i>Journal of Applied Physics</i> , 2021, 130, .	2.5	24
9	Remarkable thermal rectification in pristine and symmetric monolayer graphene enabled by asymmetric thermal contact. <i>Journal of Applied Physics</i> , 2020, 127, .	2.5	40
10	Accuracy of Machine Learning Potential for Predictions of Multiple-Target Physical Properties*. <i>Chinese Physics Letters</i> , 2020, 37, 126301.	3.3	24
11	Lattice thermal conductivity of \hat{I}^2 and \hat{I}^3 borophene*. <i>Chinese Physics B</i> , 2020, 29, 126503.	1.4	24