Yu Cuiqian

List of Publications by Year
in descending order

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11	361	933447 10	1281871 11
papers	citations	h-index	g-index

11	11	11	168
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Impact of Interlayer Rotation on Thermal Transport Across Graphene/Hexagonal Boron Nitride van der Waals Heterostructure. Nano Letters, 2021, 21, 2634-2641.	9.1	104
2	Accurate description of high-order phonon anharmonicity and lattice thermal conductivity from molecular dynamics simulations with machine learning potential. Physical Review B, 2022, 105, .	3.2	45
3	Remarkable thermal rectification in pristine and symmetric monolayer graphene enabled by asymmetric thermal contact. Journal of Applied Physics, 2020, 127, .	2.5	40
4	Machine learning approach for the prediction and optimization of thermal transport properties. Frontiers of Physics, 2021, 16, 1.	5.0	39
5	Total-transmission and total-reflection of individual phonons in phononic crystal nanostructures. APL Materials, 2021, 9, .	5.1	24
6	A perspective on the hydrodynamic phonon transport in two-dimensional materials. Journal of Applied Physics, 2021, 130, .	2.5	24
7	Accuracy of Machine Learning Potential for Predictions of Multiple-Target Physical Properties*. Chinese Physics Letters, 2020, 37, 126301.	3.3	24
8	Lattice thermal conductivity of Î² ₁₂ and Ï‡ ₃ borophene*. Chinese Physics B, 2020, 29, 126503.	1.4	24
9	Tunable phononic thermal transport in two-dimensional C6CaC6 via guest atom intercalation. Journal of Applied Physics, 2021, 129, .	2.5	15
10	Enhancement of the lattice thermal conductivity of two-dimensional functionalized MXenes by inversion symmetry breaking. Physical Review B, 2022, 105, .	3.2	14
11	Enhancing thermal transport in multilayer structures: A molecular dynamics study on Lennard-Jones solids. Frontiers of Physics, 2022, 17, .	5.0	8