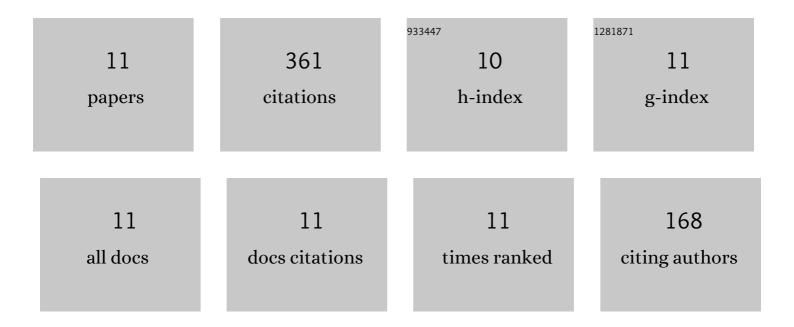
Yu Cuiqian

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/10155802/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	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
2	Enhancement of the lattice thermal conductivity of two-dimensional functionalized MXenes by inversion symmetry breaking. Physical Review B, 2022, 105, .	3.2	14
3	Enhancing thermal transport in multilayer structures: A molecular dynamics study on Lennard-Jones solids. Frontiers of Physics, 2022, 17, .	5.0	8
4	Machine learning approach for the prediction and optimization of thermal transport properties. Frontiers of Physics, 2021, 16, 1.	5.0	39
5	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
6	Total-transmission and total-reflection of individual phonons in phononic crystal nanostructures. APL Materials, 2021, 9, .	5.1	24
7	Tunable phononic thermal transport in two-dimensional C6CaC6 via guest atom intercalation. Journal of Applied Physics, 2021, 129, .	2.5	15
8	A perspective on the hydrodynamic phonon transport in two-dimensional materials. Journal of Applied Physics, 2021, 130, .	2.5	24
9	Remarkable thermal rectification in pristine and symmetric monolayer graphene enabled by asymmetric thermal contact. Journal of Applied Physics, 2020, 127, .	2.5	40
10	Accuracy of Machine Learning Potential for Predictions of Multiple-Target Physical Properties*. Chinese Physics Letters, 2020, 37, 126301.	3.3	24
11	Lattice thermal conductivity of β ₁₂ and χ ₃ borophene*. Chinese Physics B, 2020,	1.4	24