

Ya Feng

List of Publications by Year in descending order

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1039406

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436
citing authors

#	ARTICLE	IF	CITATIONS
1	Rashba-like spin splitting along three momentum directions in trigonal layered PtBi ₂ . Nature Communications, 2019, 10, 4765.	5.8	42
2	One-Dimensional van der Waals Heterojunction Diode. ACS Nano, 2021, 15, 5600-5609.	7.3	34
3	Quantitative study of bundle size effect on thermal conductivity of single-walled carbon nanotubes. Applied Physics Letters, 2018, 112, 191904.	1.5	32
4	Superstructure-Induced Splitting of Dirac Cones in Silicene. Physical Review Letters, 2019, 122, 196801.	2.9	26
5	Experimental observation of node-line-like surface states in LaBi. Physical Review B, 2018, 97, .	1.1	17
6	Effect of van der Waals forces on thermal conductance at the interface of a single-wall carbon nanotube array and silicon. AIP Advances, 2014, 4, .	0.6	15
7	Molecular dynamics study on heat transport from single-walled carbon nanotubes to Si substrate. Physics Letters, Section A: General, Atomic and Solid State Physics, 2015, 379, 382-388.	0.9	13
8	Influence of chirality on the thermal conductivity of single-walled carbon nanotubes. Chinese Physics B, 2014, 23, 083101.	0.7	12
9	Measurement of in-plane sheet thermal conductance of single-walled carbon nanotube thin films by steady-state infrared thermography. Japanese Journal of Applied Physics, 2018, 57, 075101.	0.8	11
10	Morphology dependence of the thermal transport properties of single-walled carbon nanotube thin films. Nanotechnology, 2017, 28, 185701.	1.3	8
11	Zeolite-supported synthesis, solution dispersion, and optical characterizations of single-walled carbon nanotubes wrapped by boron nitride nanotubes. Journal of Applied Physics, 2021, 129, 015101.	1.1	7
12	Dependence of carbon nanotube array-silicon interface thermal conductance on array arrangement and filling fraction. Applied Thermal Engineering, 2018, 145, 667-673.	3.0	6
13	Chirality and Diameter Influence on Thermal Conductivity of Single-Walled Carbon Nanotubes. Journal of Nanoscience and Nanotechnology, 2015, 15, 3092-3097.	0.9	5
14	EXPERIMENTAL STUDY OF BUBBLE GROWTH AND FLOW IN SMALL-DIAMETER THERMOSYPHON LOOPS WITH FILLING RATIOS OF 90% AND 95%. Journal of Enhanced Heat Transfer, 2014, 21, 63-73.	0.5	4
15	Phenomenological model of thermal transport in carbon nanotube and hetero-nanotube films. Nanotechnology, 2021, 32, 205708.	1.3	2
16	Electronic structure and phase diagram of $H\hat{T}$ Eu T O (\dots) Physical Review B, 2019, 100, .	1.1	0