

Zu-Quan Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1269150/publications.pdf>

Version: 2024-02-01

10
papers

132
citations

1478505

6
h-index

1372567

10
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10
all docs

10
docs citations

10
times ranked

130
citing authors

#	ARTICLE	IF	CITATIONS
1	Microscopic theory of photon-induced energy, momentum, and angular momentum transport in the nonequilibrium regime. <i>Physical Review B</i> , 2022, 105, .	3.2	5
2	Electroluminescence and thermal radiation from metallic armchair carbon nanotubes with defects. <i>Physical Review B</i> , 2021, 104, .	3.2	2
3	Effective Control of Photon Statistics from Electroluminescence by Fano-like Interference Effect. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 8721-8726.	4.6	6
4	First-Principles Method to Study Near-Field Radiative Heat Transfer. <i>Physical Review Applied</i> , 2020, 14, .	3.8	8
5	Angular momentum radiation from current-carrying molecular junctions. <i>Physical Review B</i> , 2020, 101, .	3.2	15
6	Energy transfer between two vacuum-gapped metal plates: Coulomb fluctuations and electron tunneling. <i>Physical Review B</i> , 2018, 97, .	3.2	22
7	Coulomb-force-mediated heat transfer in the near field: Geometric effect. <i>Physical Review E</i> , 2018, 98, 012118.	2.1	13
8	Thermal transport through a spin-phonon interacting junction: A nonequilibrium Green's function method study. <i>Physical Review B</i> , 2017, 96, .	3.2	13
9	Fano-shaped impurity spectral density, electric-field-induced in-gap state, and local magnetic moment of an adatom on trilayer graphene. <i>Physical Review B</i> , 2017, 96, .	3.2	2
10	Spin-dependent Seebeck Effect, Thermal Colossal Magnetoresistance and Negative Differential Thermoelectric Resistance in Zigzag Silicene Nanoribbon Heterojunction. <i>Scientific Reports</i> , 2015, 5, 10547.	3.3	46