

Zhuo-Zhi Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

269
citations

1163117

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1372567

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11
docs citations

11
times ranked

439
citing authors

#	ARTICLE	IF	CITATIONS
1	Gate-Controlled Quantum Dots Based on 2D Materials. <i>Advanced Quantum Technologies</i> , 2022, 5, .	3.9	13
2	Tunable parametric amplification of a graphene nanomechanical resonator in the nonlinear regime. <i>Nanotechnology</i> , 2021, 32, 155203.	2.6	3
3	Graphene-Based Nanoelectromechanical Periodic Array with Tunable Frequency. <i>Nano Letters</i> , 2021, 21, 8571-8578.	9.1	13
4	A Suspended Silicon Single-Hole Transistor as an Extremely Scaled Gigahertz Nanoelectromechanical Beam Resonator. <i>Advanced Materials</i> , 2020, 32, e2005625.	21.0	5
5	Coherent phonon dynamics in spatially separated graphene mechanical resonators. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 5582-5587.	7.1	40
6	Strong indirect coupling between graphene-based mechanical resonators via a phonon cavity. <i>Nature Communications</i> , 2018, 9, 383.	12.8	63
7	Quantum dot behavior in transition metal dichalcogenides nanostructures. <i>Frontiers of Physics</i> , 2017, 12, 1.	5.0	25
8	Coupling graphene nanomechanical motion to a single-electron transistor. <i>Nanoscale</i> , 2017, 9, 5608-5614.	5.6	21
9	Electrotunable artificial molecules based on van der Waals heterostructures. <i>Science Advances</i> , 2017, 3, e1701699.	10.3	47
10	Temperature dependence of Coulomb oscillations in a few-layer two-dimensional WS ₂ quantum dot. <i>Scientific Reports</i> , 2015, 5, 16113.	3.3	39