

# Zhuo-Zhi Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5643747/publications.pdf>

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10  
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1163117

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docs citations

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times ranked

439  
citing authors

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