

Zhihui Qin

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Phonon anharmonicities in 7-armchair graphene nanoribbons. Carbon, 2022, 190, 312-318.	10.3	11
2	Spectroscopic Visualization of Flat Bands in Magic-Angle Twisted Monolayer-Bilayer Graphene: Coexistence of Localization and Delocalization. Physical Review Letters, 2022, 128, 126401.	7.8	15
3	Ferroelectric-gated ReS ₂ field-effect transistors for nonvolatile memory. Nano Research, 2022, 15, 5443-5449.	10.4	5
4	Electronic Tuning in WSe ₂ /Au via van der Waals Interface Twisting and Intercalation. ACS Nano, 2022, 16, 6541-6551.	14.6	17
5	Origami-controlled strain engineering of tunable flat bands and correlated states in folded graphene. Physical Review Materials, 2022, 6, .	2.4	9
6	Direct observation of moiré flat-band breakdown at the edge of magic-angle twisted bilayer graphene. Physical Review B, 2022, 105, .	3.2	3
7	Nanopore-Patterned CuSe Drives the Realization of the PbSe/CuSe Lateral Heterostructure. ACS Applied Materials & Interfaces, 2022, 14, 32738-32746.	8.0	6
8	Cyclic-anion salt for high-voltage stable potassium-metal batteries. National Science Review, 2022, 9, .	9.5	123
9	Promoting a Weak Coupling of Monolayer MoSe ₂ Grown on (100)-Faceted Au Foil. ACS Nano, 2021, 15, 4481-4489.	14.6	16
10	Realization of semiconducting Cu ₂ Se by direct selenization of Cu(111)*. Chinese Physics B, 2021, 30, 116802.	1.4	3
11	Two-dimensional germanium islands with Dirac signature on Ag ₂ Ge surface alloy. Journal of Physics Condensed Matter, 2021, 33, 225001.	1.8	7
12	Electrochemical Study of Poly(2,6-Anthraquinonyl Sulfide) as Cathode for Alkali-Metal-Ion Batteries. Advanced Energy Materials, 2020, 10, 2002780.	19.5	60
13	Ferroelectric-Gated InSe Photodetectors with High On/Off Ratios and Photoresponsivity. Nano Letters, 2020, 20, 6666-6673.	9.1	53
14	Imaging of nearly flat band induced atomic-scale negative differential conductivity in ABC-stacked trilayer graphene. Physical Review B, 2020, 102, .	3.2	14
15	Constructing graphene nanostructures with zigzag edge terminations by controllable STM tearing and folding. Carbon, 2020, 165, 169-174.	10.3	18
16	Alkali-Metal-Ion Batteries: Electrochemical Study of Poly(2,6-Anthraquinonyl Sulfide) as Cathode for Alkali-Metal-Ion Batteries (Adv. Energy Mater. 48/2020). Advanced Energy Materials, 2020, 10, 2070198.	19.5	2