

Tingxin Li

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,942
citations

758635

12
h-index

940134

16
g-index

18
all docs

18
docs citations

18
times ranked

2297
citing authors

#	ARTICLE	IF	CITATIONS
1	Simulation of Hubbard model physics in WSe ₂ /WS ₂ moiré superlattices. Nature, 2020, 579, 353-358.	13.7	511
2	Pressure-controlled interlayer magnetism in atomically thin CrI ₃ . Nature Materials, 2019, 18, 1303-1308.	13.3	364
3	Nonlinear anomalous Hall effect in few-layer WTe ₂ . Nature Materials, 2019, 18, 324-328.	13.3	281
4	Quantum anomalous Hall effect from intertwined moiré bands. Nature, 2021, 600, 641-646.	13.7	181
5	Continuous Mott transition in semiconductor moiré superlattices. Nature, 2021, 597, 350-354.	13.7	174
6	Stripe phases in WSe ₂ /WS ₂ moiré superlattices. Nature Materials, 2021, 20, 940-944.	13.3	137
7	Observation of a Helical Luttinger Liquid in InAs/GaSb Quantum Spin Hall Edges. Physical Review Letters, 2015, 115, 136804.	2.9	120
8	Tuning Edge States in Strained-Layer InAs/GaSb Quantum Spin Hall Insulators. Physical Review Letters, 2017, 119, 056803.	2.9	115
9	Charge-order-enhanced capacitance in semiconductor moiré superlattices. Nature Nanotechnology, 2021, 16, 1068-1072.	15.6	40
10	Low-temperature conductivity of weakly interacting quantum spin Hall edges in strained-layer InAs/GaSb . Physical Review B, 2017, 96, .	1.1	23
11	Anomalous Conductance Oscillations in the Hybridization Gap of InAs/GaSb Quantum Wells. Physical Review Letters, 2019, 123, 126803.	2.9	19
12	Possible transport evidence for three-dimensional topological superconductivity in doped \hat{I}^2 -PdBi ₂ . Scientific Reports, 2019, 9, 12504.	1.6	15
13	Quantum Oscillations in Two-Dimensional Insulators Induced by Graphite Gates. Physical Review Letters, 2021, 127, 247702.	2.9	12
14	Tuning the charge states in InAs/GaSb or InAs/GaInSb composite quantum wells by persistent photoconductivity. AIP Advances, 2017, 7, .	0.6	4
15	Noise processes in InAs/Ga(In)Sb Corbino structures. Applied Physics Letters, 2019, 115, 052107.	1.5	2
16	Transport in InAs/GaSb quantum spin Hall insulators with high- k dielectrics as the top barrier. Applied Physics Letters, 2019, 114, 212101.	1.5	1
17	Microwave photocurrent from the edge states of InAs/GaInSb bilayers. Physical Review B, 2018, 98, .	1.1	0
18	Recent experimental progresses on 2D van der Waals semiconductor moiré superlattices. Wuli Xuebao/Acta Physica Sinica, 2022, .	0.2	0