

Haining Pan

List of Publications by Year in descending order

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447
citing authors

#	ARTICLE	IF	CITATIONS
1	Interaction range and temperature dependence of symmetry breaking in strongly correlated two-dimensional moiré transition metal dichalcogenide bilayers. Physical Review B, 2022, 105, .	1.1	12
2	On-demand large conductance in trivial zero-bias tunneling peaks in Majorana nanowires. Physical Review B, 2022, 105, .	1.1	14
3	Three-terminal nonlocal conductance in Majorana nanowires: Distinguishing topological and trivial in realistic systems with disorder and inhomogeneous potential. Physical Review B, 2021, 103, .	1.1	54
4	Disorder-induced zero-bias peaks in Majorana nanowires. Physical Review B, 2021, 103, .	1.1	67
5	Quantized and unquantized zero-bias tunneling conductance peaks in Majorana nanowires: Conductance below and above $\frac{1}{2}e^2/h$. Physical Review B, 2021, 103, .	1.1	41
6	Disorder effects on Majorana zero modes: Kitaev chain versus semiconductor nanowire. Physical Review B, 2021, 103, .	1.1	19
7	Interaction-Driven Filling-Induced Metal-Insulator Transitions in 2D Moiré Lattices. Physical Review Letters, 2021, 127, 096802.	2.9	31
8	Crossover between trivial zero modes in Majorana nanowires. Physical Review B, 2021, 104, .	1.1	16
9	Estimating disorder and its adverse effects in semiconductor Majorana nanowires. Physical Review Materials, 2021, 5, .	0.9	40
10	Generic quantized zero-bias conductance peaks in superconductor-semiconductor hybrid structures. Physical Review B, 2020, 101, .	1.1	55
11	Quantum phase diagram of a Moiré-Hubbard model. Physical Review B, 2020, 102, .	1.1	73
12	Physical mechanisms for zero-bias conductance peaks in Majorana nanowires. Physical Review Research, 2020, 2, .	1.3	145
13	Band topology, Hubbard model, Heisenberg model, and Dzyaloshinskii-Moriya interaction in twisted bilayer WSe_2 . Physical Review Research, 2020, 2, .	1.3	95
14	Curvature of gap closing features and the extraction of Majorana nanowire parameters. Physical Review B, 2019, 99, .	1.1	11
15	Metamorphosis of Andreev bound states into Majorana bound states in pristine nanowires. Physical Review B, 2018, 98, .	1.1	33