

Binhe Wu

List of Publications by Year in descending order

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17
papers

265
citations

1478505

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1125743

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times ranked

401
citing authors

#	ARTICLE	IF	CITATIONS
1	Continuously Producing Watersteam and Concentrated Brine from Seawater by Hanging Photothermal Fabrics under Sunlight. <i>Advanced Functional Materials</i> , 2019, 29, 1905485.	14.9	178
2	In Situ Atom Scale Visualization of Domain Wall Dynamics in VO ₂ Insulator-Metal Phase Transition. <i>Scientific Reports</i> , 2014, 4, 6544.	3.3	31
3	Noncollinear Andreev reflections in semiconductor nanowires. <i>Physical Review B</i> , 2014, 90, .	3.2	14
4	Polaron effects on the dc- and ac-tunneling characteristics of molecular Josephson junctions. <i>Physical Review B</i> , 2012, 86, .	3.2	11
5	SbSI microrod based flexible photodetectors. <i>Journal Physics D: Applied Physics</i> , 2020, 53, 345106.	2.8	10
6	Facile Hydrothermal Synthesis of SnO ₂ Nanoparticles with Enhanced Lithium Storage Performance. <i>Chemistry Letters</i> , 2017, 46, 1639-1642.	1.3	6
7	Quantum transport of planar Josephson junctions with Majorana bound states. <i>Physical Review B</i> , 2020, 102, .	3.2	6
8	Impact of induced bandgaps on sub-Poissonian shot noise in graphene armchair-edge nanoribbons. <i>Journal of Applied Physics</i> , 2012, 112, 073716.	2.5	2
9	Dynamical band-engineering of spin-polarized edge-states in normal insulators. <i>Applied Physics Letters</i> , 2012, 100, 203106.	3.3	2
10	Random-resistor network modeling of resistance hysteresis of vanadium dioxide thin films. <i>Journal of Applied Physics</i> , 2022, 132, 015301.	2.5	2
11	Current noise in three-terminal hybrid quantum point contacts. <i>Journal of Physics Condensed Matter</i> , 2014, 26, 025301.	1.8	1
12	Quantum interference of Josephson current in topological Anderson insulator junctions. <i>Journal of Physics Condensed Matter</i> , 2019, 31, 285301.	1.8	1
13	Theoretical investigation of the scanning tunneling microscopy of Majorana bound states in topological superconductor vortices. <i>Journal of Physics Condensed Matter</i> , 2021, 33, 025301.	1.8	1
14	Realization of a Nonlocal Persistent Current Qubit with the Help of Majorana Bound States. <i>Journal of the Physical Society of Japan</i> , 2015, 84, 044718.	1.6	0
15	Bending effect on the Majorana bound states in planar Josephson junctions. <i>Journal of Physics Condensed Matter</i> , 2021, 33, 385001.	1.8	0
16	Bipolar resistive switching in Ag/VO ₂ (B)/SiO _x /n ⁺⁺ Si RRAM. <i>Materials Research Express</i> , 2022, 9, 035003.	1.6	0
17	Effect of off-stoichiometry on the thermal conductivity of amorphous GeTe. <i>Physica Scripta</i> , 2021, 96, 125730.	2.5	0