

Binhe Wu

List of Publications by Year in descending order

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17
papers

265
citations

1478505

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docs citations

17
times ranked

401
citing authors

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