

Elena Zhitlukhina

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

104
citations

1684188

5
h-index

1281871

11
g-index

15
all docs

15
docs citations

15
times ranked

78
citing authors

#	ARTICLE	IF	CITATIONS
1	Anomalous Inner-Gap Structure in Transport Characteristics of Superconducting Junctions with Degraded Interfaces. <i>Nanoscale Research Letters</i> , 2016, 11, 58.	5.7	24
2	Inverse polarity of the resistive switching effect and strong inhomogeneity in nanoscale YBCO-metal contacts. <i>Journal of Applied Physics</i> , 2016, 120, .	2.5	23
3	Intrinsically shunted Josephson junctions for electronics applications. <i>Low Temperature Physics</i> , 2017, 43, 756-765.	0.6	22
4	Engineering and Tunable Propagation of Wave Packets in Superconducting Quantum Networks. <i>IEEE Transactions on Applied Superconductivity</i> , 2018, 28, 1-5.	1.7	7
5	Electronic noise generated by a temperature gradient across a hybrid normal metal–superconductor nanojunction. <i>Applied Nanoscience (Switzerland)</i> , 2020, 10, 5121-5124.	3.1	7
6	Above-gap differential conductance dips in superconducting point contacts. <i>Applied Nanoscience (Switzerland)</i> , 2022, 12, 761-768.	3.1	5
7	Electron–boson coupling in superconductors studied by a self-formed nanofilament device. <i>Applied Nanoscience (Switzerland)</i> , 2020, 10, 2617-2625.	3.1	4
8	Negative differential conductance in doped-silicon nanoscale devices with superconducting electrodes. <i>Applied Nanoscience (Switzerland)</i> , 2018, 8, 1025-1030.	3.1	3
9	Voltage- and temperature-controllable quantum-data processing across three-terminal superconducting nanodevices. <i>Applied Nanoscience (Switzerland)</i> , 2020, 10, 2781-2789.	3.1	3
10	Microwave-driven persistent currents in a nanoscale quantum ring. <i>Applied Nanoscience (Switzerland)</i> , 2022, 12, 377-383.	3.1	3
11	Low-energy spectra of differential conductivity and shot noise in tunnel junctions based on superconductors with suppression of the order parameter at the S-N interface. <i>Low Temperature Physics</i> , 2016, 42, 1063-1066.	0.6	2
12	Probing long-range current-carrying edge modes by two quantum point contacts. <i>Low Temperature Physics</i> , 2021, 47, 996-1000.	0.6	1
13	Ballistic quantum spin separator. <i>Low Temperature Physics</i> , 2019, 45, 923-927.	0.6	0
14	Phase-Slip Lines in Wide Superconducting Strips: Charge and Spin Relaxation Lengths. <i>Journal of Superconductivity and Novel Magnetism</i> , 2019, 32, 1847-1852.	1.8	0
15	Nanoscale Origin of Conductance Dips in Point-Contact Spectra of Superconductors. , 2021, , .		0