

# Elena Zhitlukhina

## List of Publications by Year in descending order

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15  
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1684188

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docs citations

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citing authors

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