

# Alexei Bezuglyj

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Vortex jets generated by edge defects in current-carrying superconductor thin strips. Physical Review B, 2022, 105, .	3.2	14
2	Heat transport in insulator/ferromagnetic-insulator/insulator heterogeneous nanostructures at low temperatures. Physical Review B, 2021, 103, .	3.2	0
3	Sensitivity of a superconducting photon detector with a normal domain. Low Temperature Physics, 2020, 46, 599-601.	0.6	0
4	Tunneling in two-layer systems with electron-hole coupling (Review article). Low Temperature Physics, 2020, 46, 448-458.	0.6	0
5	Microscopic analysis of heat transfer in I1/N/I2 heterogeneous nanostructures at low temperatures. Low Temperature Physics, 2019, 45, 537-544.	0.6	1
6	Spin Seebeck effect and phonon energy transfer in heterostructures containing layers of a normal metal and a ferromagnetic insulator. Physical Review B, 2019, 99, .	3.2	5
7	Temperature dependence of the magnon-phonon energy relaxation time in a ferromagnetic insulator. Physical Review B, 2019, 100, .	3.2	10
8	Kinetics of electron cooling in metal films at low temperatures and revision of the two-temperature model. Journal of Physics Condensed Matter, 2018, 30, 295001.	1.8	8
9	The role of conduction electrons in the formation of thermal boundary resistance of the metal-dielectric interface and resistivity of metal films, at low temperatures (Review Article). Low Temperature Physics, 2016, 42, 636-660.	0.6	7
10	Phonon transport of energy in nanostructures containing two metallic layers. Low Temperature Physics, 2015, 41, 619-624.	0.6	1
11	Energy relaxation times in metal films from the response of electrical conductivity to periodic heating. Physical Review B, 2014, 89, .	3.2	6
12	Tunneling conductance of phase-coherent double-layer systems in a parallel magnetic field. Low Temperature Physics, 2008, 34, 49-54.	0.6	1
13	Dynamic equation for quantum Hall bilayers with spontaneous interlayer coherence: The low-density limit. Physical Review B, 2007, 75, .	3.2	15
14	Order parameter phase locking as a cause of a zero bias peak in the differential tunneling conductance of bilayers with electron-hole pairing. Low Temperature Physics, 2004, 30, 208-212.	0.6	13
15	Thermal domains in inhomogeneous current-carrying superconductors. Current-voltage characteristics and dynamics of domain formation after current jumps. Journal of Low Temperature Physics, 1984, 57, 227-247.	1.4	14