Alexei Soroka

List of Publications by Year
in descending order

17	92	1478505 6	1372567 10
papers	citations	h-index	g-index

18	18	18	125
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Transition of a binary solution into an inhomogeneous phase. Phase Transitions, 2022, 95, 267-280.	1.3	0
2	Scheme for Flux-Qubit-Based Microwave Single-Photon Counter with Weak Continuous Measurement. , 2020, , .		0
3	Frequency-tuned microwave photon counter based on a superconductive quantum interferometer. Low Temperature Physics, 2018, 44, 213-220.	0.6	11
4	A Tunable Coupler with ScS Quantum Point Contact to Mediate Strong Interaction Between Flux Qubits. Journal of Low Temperature Physics, 2013, 172, 212-225.	1.4	3
5	Quantum superposition of three macroscopic states and superconducting qutrit detector. Physical Review B, 2012, 85, .	3.2	12
6	Superposition of states in flux qubits with a Josephson junction of the ScS type (Review Article). Low Temperature Physics, 2012, 38, 301-310.	0.6	7
7	Coherent Rabi response of a charge-phase qubit under microwave irradiation. Physical Review B, 2009, 79, .	3.2	7
8	Signal characteristics of charge-phase qubit detector with parametric energy conversion. Low Temperature Physics, 2009, 35, 652-661.	0.6	2
9	The two-Josephson-junction flux qubit with large tunneling amplitude. Low Temperature Physics, 2008, 34, 610-616.	0.6	4
10	On the quantum nature of charge carriers in the pseudogap state of underdoped cuprate high-Tc superconductors. Low Temperature Physics, 2007, 33, 659-662.	0.6	1
11	Pseudogap State of Underdoped Cuprate Hts as a Display of The Jahnâ€“Teller Pseudoeffect. Journal of Superconductivity and Novel Magnetism, 2006, 19, 15-18.	1.8	0
12	Jahnâ€“Teller effect in quasi-two-dimensional doped cuprate antiferromagnets and underdoped high-Tc superconductors (Review). Low Temperature Physics, 2004, 30, 667-685.	0.6	7
13	Title is missing!. Journal of Low Temperature Physics, 2003, 130, 407-414.	1.4	4
14	Odd resistive response in superconductors with bianisotropic pinning. Low Temperature Physics, 2003, 29, 16-29.	0.6	1
15	Anisotropy of the critical current and the guided motion of vortices in a stochastic model of bianisotropic pinning. I. Theoretical model. Low Temperature Physics, 2002, 28, 254-259.	0.6	4
16	Anisotropy of the critical current and the guided motion of vortices in a stochastic model of bianisotropic pinning. II. Observed effects. Low Temperature Physics, 2002, 28, 312.	0.6	1
17	Nonlinear dynamics of vortices pinned to unidirectional twins. Journal of Experimental and Theoretical Physics, 1999, 89, 1138-1153.	0.9	28