Ya S Greenberg

List of Publications by Year
in descending order

23	542	840119 11	713013 21
papers	citations	h-index	g-index

23	23	23	418
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Application of superconducting quantum interference devices to nuclear magnetic resonance. Reviews of Modern Physics, 1998, 70, 175-222.	16.4	178
2	Low-frequency measurement of the tunneling amplitude in a flux qubit. Physical Review B, 2004, 69, .	1.1	62
3	Low-frequency characterization of quantum tunneling in flux qubits. Physical Review B, 2002, 66, .	1.1	58
4	Amplification and attenuation of a probe signal by doubly dressed states. Physical Review B, 2014, 89, .	1.1	33
5	Low-frequency Rabi spectroscopy of dissipative two-level systems: Dressed-state approach. Physical Review B, 2007, 76, .	1.1	32
6	Quantum behavior of a flux qubit coupled to a resonator. Low Temperature Physics, 2010, 36, 893-901.	0.2	32
7	Non-Hermitian Hamiltonian approach to the microwave transmission through a one-dimensional qubit chain. Physical Review A, 2015, 92, .	1.0	30
8	Low-frequency Rabi spectroscopy for a dissipative two-level system. Europhysics Letters, 2005, 72, 880-886.	0.7	24
9	Experimental study of amplitudeâ€“frequency characteristics of high-transition-temperature radio frequency superconducting quantum interference devices. Journal of Applied Physics, 2000, 88, 6781-6787.	1.1	18
10	Flux qubit as a sensor of magnetic flux. Europhysics Letters, 2007, 77, 58005.	0.7	14
11	Cooling a magnetic resonance force microscope via the dynamical back action of nuclear spins. Physical Review B, 2009, 80, .	1.1	12
12	Quantum theory of the low-frequency linear susceptibility of interferometer-type superconducting qubits. Physical Review B, 2008, 77, .	1.1	9
13	Signal amplification in a qubit-resonator system. Low Temperature Physics, 2016, 42, 189-195.	0.2	8
14	Title is missing!. Journal of Low Temperature Physics, 1999, 114, 297-315.	0.6	7
15	Measurement of the superconducting flux qubit parameters in the quasi-dispersive regime. Physics of the Solid State, 2016, 58, 2155-2159.	0.2	7
16	Spectroscopy of a superconducting flux qubit in a quasidispersive mode. JETP Letters, 2016, 103, 425-430.	0.4	5
17	Mollow triplet through pump-probe single-photon spectroscopy of artificial atoms. Physical Review A, 2017, 95, .	1.0	5
18	Transfer of excited state between two qubits in an open waveguide. Low Temperature Physics, 2018, 44, 203-209.	0.2	4

#	Article	IF	Citations
19	Self-consistent theory of a voltage-current characteristic and of intrinsic noise of hysteretic RF SQUID. Journal of Low Temperature Physics, 1993, 92, 367-413.	0.6	2
20	Resonance at the Rabi frequency in a superconducting flux qubit. AIP Conference Proceedings, 2014, , .	0.3	1
21	Effect of the qubit relaxation on transport properties of microwave photons. Physics of the Solid State, 2017, 59, 2103-2109.	0.2	1
22	Transport properties of a microwave photon in a system with two artificial atoms. , 2016, , .		0
23	Spontaneous decay of artificial atoms in a multi-qubit system. Low Temperature Physics, 2021, 47, 834-842.	0.2	0