

Yaroslav Mikhailovich Blanter

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

793
citations

687363

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all docs

19
docs citations

19
times ranked

655
citing authors

#	ARTICLE	IF	CITATIONS
1	Advances in Magnetics Roadmap on Spin-Wave Computing. IEEE Transactions on Magnetics, 2022, 58, 1-72.	2.1	179
2	Analog Quantum Control of Magnonic Cat States on a Chip by a Superconducting Qubit. Physical Review Letters, 2022, 129, .	7.8	24
3	Cavity magnonics. Physics Reports, 2022, 979, 1-61.	25.6	140
4	Magnon dispersion in bilayers of two-dimensional ferromagnets. Physical Review B, 2021, 103, .	3.2	6
5	Electrically Controllable Van Der Waals Antiferromagnetic Spin Valve. Physical Review Applied, 2021, 16, .	3.8	9
6	Imaging Spin-Wave Damping Underneath Metals Using Electron Spins in Diamond. Advanced Quantum Technologies, 2021, 4, 2100094.	3.9	13
7	Magnetic resonance imaging of spin-wave transport and interference in a magnetic insulator. Science Advances, 2020, 6, .	10.3	70
8	Topological valley transport of gapped Dirac magnons in bilayer ferromagnetic insulators. Physical Review B, 2020, 102, .	3.2	13
9	Modeling Green's function measurements with two-tip scanning tunneling microscopy. Physical Review B, 2020, 102, .	3.2	1
10	Spin-valley polarized quantum anomalous Hall effect and a valley-controlled half-metal in bilayer graphene. Physical Review B, 2020, 101, .	3.2	21
11	Flux-mediated optomechanics with a transmon qubit in the single-photon ultrastrong-coupling regime. Physical Review Research, 2020, 2, .	3.6	20
12	Excitation of unidirectional exchange spin waves by a nanoscale magnetic grating. Physical Review B, 2019, 100, .	3.2	111
13	Chiral excitation of spin waves in ferromagnetic films by magnetic nanowire gratings. Physical Review B, 2019, 99, .	3.2	42
14	Nanofabricated tips for device-based scanning tunneling microscopy. Nanotechnology, 2019, 30, 335702.	2.6	3
15	Synthesizing multi-phonon quantum superposition states using flux-mediated three-body interactions with superconducting qubits. Npj Quantum Information, 2019, 5, .	6.7	14
16	Chiral Pumping of Spin Waves. Physical Review Letters, 2019, 123, 247202.	7.8	43
17	Large cooperativity and microkelvin cooling with a three-dimensional optomechanical cavity. Nature Communications, 2015, 6, 8491.	12.8	74
18	Quantum transducer in circuit optomechanics. Solid State Communications, 2014, 198, 61-65.	1.9	7

#	ARTICLE	IF	CITATIONS
19	Confined Vacuum Resonances as Artificial Atoms with Tunable Lifetime. ACS Nano, 0, , .	14.6	3