

Yaroslav Mikhailovich Blanter

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6203231/publications.pdf>

Version: 2024-02-01

19
papers

793
citations

687363

13
h-index

839539

18
g-index

19
all docs

19
docs citations

19
times ranked

655
citing authors

#	ARTICLE	IF	CITATIONS
1	Advances in Magnetism Roadmap on Spin-Wave Computing. IEEE Transactions on Magnetism, 2022, 58, 1-72.	2.1	179
2	Cavity magnonics. Physics Reports, 2022, 979, 1-61.	25.6	140
3	Excitation of unidirectional exchange spin waves by a nanoscale magnetic grating. Physical Review B, 2019, 100, .	3.2	111
4	Large cooperativity and microkelvin cooling with a three-dimensional optomechanical cavity. Nature Communications, 2015, 6, 8491.	12.8	74
5	Magnetic resonance imaging of spin-wave transport and interference in a magnetic insulator. Science Advances, 2020, 6, .	10.3	70
6	Chiral Pumping of Spin Waves. Physical Review Letters, 2019, 123, 247202.	7.8	43
7	Chiral excitation of spin waves in ferromagnetic films by magnetic nanowire gratings. Physical Review B, 2019, 99, .	3.2	42
8	Analog Quantum Control of Magnonic Cat States on a Chip by a Superconducting Qubit. Physical Review Letters, 2022, 129, .	7.8	24
9	Spin-valley polarized quantum anomalous Hall effect and a valley-controlled half-metal in bilayer graphene. Physical Review B, 2020, 101, .	3.2	21
10	Flux-mediated optomechanics with a transmon qubit in the single-photon ultrastrong-coupling regime. Physical Review Research, 2020, 2, .	3.6	20
11	Synthesizing multi-phonon quantum superposition states using flux-mediated three-body interactions with superconducting qubits. Npj Quantum Information, 2019, 5, .	6.7	14
12	Topological valley transport of gapped Dirac magnons in bilayer ferromagnetic insulators. Physical Review B, 2020, 102, .	3.2	13
13	Imaging Spin-Wave Damping Underneath Metals Using Electron Spins in Diamond. Advanced Quantum Technologies, 2021, 4, 2100094.	3.9	13
14	Electrically Controllable Van Der Waals Antiferromagnetic Spin Valve. Physical Review Applied, 2021, 16, .	3.8	9
15	Quantum transducer in circuit optomechanics. Solid State Communications, 2014, 198, 61-65.	1.9	7
16	Magnon dispersion in bilayers of two-dimensional ferromagnets. Physical Review B, 2021, 103, .	3.2	6
17	Nanofabricated tips for device-based scanning tunneling microscopy. Nanotechnology, 2019, 30, 335702.	2.6	3
18	Confined Vacuum Resonances as Artificial Atoms with Tunable Lifetime. ACS Nano, 0, , .	14.6	3

#	ARTICLE	IF	CITATIONS
19	Modeling Green's function measurements with two-tip scanning tunneling microscopy. Physical Review B, 2020, 102, .	3.2	1