

Pavel E Dolgirev

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

661
citations

840776

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839539

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19
times ranked

952
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterizing two-dimensional superconductivity via nanoscale noise magnetometry with single-spin qubits. <i>Physical Review B</i> , 2022, 105, .	3.2	14
2	Single-spin qubit magnetic spectroscopy of two-dimensional superconductivity. <i>Physical Review Research</i> , 2022, 4, .	3.6	12
3	Signatures of Wigner crystal of electrons in a monolayer semiconductor. <i>Nature</i> , 2021, 595, 53-57.	27.8	102
4	Emergence of a Sharp Quantum Collective Mode in a One-Dimensional Fermi Polaron. <i>Physical Review X</i> , 2021, 11, .	8.9	7
5	Role of Equilibrium Fluctuations in Light-Induced Order. <i>Physical Review Letters</i> , 2021, 127, 227401.	7.8	16
6	Light-induced charge density wave in LaTe3. <i>Nature Physics</i> , 2020, 16, 159-163.	16.7	157
7	Non-Gaussian correlations imprinted by local dephasing in fermionic wires. <i>Physical Review B</i> , 2020, 102, .	3.2	29
8	Self-similar dynamics of order parameter fluctuations in pump-probe experiments. <i>Physical Review B</i> , 2020, 101, .	3.2	27
9	Phase-sensitive thermoelectricity and long-range Josephson effect supported by thermal gradient. <i>Physical Review B</i> , 2020, 101, .	3.2	10
10	Amplitude dynamics of the charge density wave in LaTe3 : Theoretical description of pump-probe experiments. <i>Physical Review B</i> , 2020, 101, .	3.2	19
11	Topologyâ€Controlled Thermopower Oscillations in Multiterminal Andreev Interferometers. <i>Physica Status Solidi - Rapid Research Letters</i> , 2019, 13, 1800252.	2.4	10
12	Phase-coherent electron transport in asymmetric crosslike Andreev interferometers. <i>Physical Review B</i> , 2019, 100, .	3.2	5
13	Dynamical Slowing-Down in an Ultrafast Photoinduced Phase Transition. <i>Physical Review Letters</i> , 2019, 123, 097601.	7.8	50
14	Interplay between Josephson and Aharonov-Bohm effects in Andreev interferometers. <i>Scientific Reports</i> , 2019, 9, 1301.	3.3	8
15	Evidence for topological defects in a photoinduced phase transition. <i>Nature Physics</i> , 2019, 15, 27-31.	16.7	128
16	Current-phase relation and flux-dependent thermoelectricity in Andreev interferometers. <i>Physical Review B</i> , 2018, 97, .	3.2	11
17	Pseudogap and Fermi surface in the presence of a spin-vortex checkerboard for 1/8-doped lanthanum cuprates. <i>Physical Review B</i> , 2017, 96, .	3.2	5
18	Machine learning scheme for fast extraction of chemically interpretable interatomic potentials. <i>AIP Advances</i> , 2016, 6, .	1.3	49