

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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h-index

839539

18
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19
all docs

19
docs citations

19
times ranked

952
citing authors

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