

Dmitry A Bagrets

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

1,403
citations

430874

18
h-index

377865

34
g-index

34
all docs

34
docs citations

34
times ranked

1028
citing authors

#	ARTICLE	IF	CITATIONS
1	Class $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi} \rangle D \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ Spectral Peak in Majorana Quantum Wires. Physical Review Letters, 2012, 109, 227005.	7.8	236
2	Sachdev- Ye -Kitaev model as Liouville quantum mechanics. Nuclear Physics B, 2016, 911, 191-205.	2.5	215
3	Power-law out of time order correlation functions in the SYK model. Nuclear Physics B, 2017, 921, 727-752.	2.5	137
4	Enhanced Shot Noise in Resonant Tunneling via Interacting Localized States. Physical Review Letters, 2003, 91, 136801.	7.8	106
5	Circuit Theory for Full Counting Statistics in Multiterminal Circuits. Physical Review Letters, 2002, 88, 196801.	7.8	75
6	Quantum Criticality of Quasi-One-Dimensional Topological Anderson Insulators. Physical Review Letters, 2014, 112, .	7.8	62
7	Quantum ergodicity in the SYK model. Nuclear Physics B, 2018, 930, 45-68.	2.5	54
8	Effective Field Theory of the Disordered Weyl Semimetal. Physical Review Letters, 2015, 114, 257201.	7.8	50
9	Theory of the strongly disordered Weyl semimetal. Physical Review B, 2016, 93, .	3.2	43
10	Quasiclassical theory of disordered multi-channel Majorana quantum wires. New Journal of Physics, 2013, 15, 055019.	2.9	42
11	Topology versus Anderson localization: Nonperturbative solutions in one dimension. Physical Review B, 2015, 91, .	3.2	41
12	Full Counting Statistics in the Self-Dual Interacting Resonant Level Model. Physical Review Letters, 2011, 107, 206801.	7.8	40
13	Sachdev- Ye -Kitaev Non-Fermi-Liquid Correlations in Nanoscopic Quantum Transport. Physical Review Letters, 2019, 123, 226801.	7.8	34
14	From operator statistics to wormholes. Physical Review Research, 2021, 3, .	3.6	32
15	Tunneling into a nonequilibrium Luttinger liquid with impurity. Physical Review B, 2010, 81, .	3.2	29
16	Quantum Criticality of Granular Sachdev- Ye -Kitaev Matter. Physical Review Letters, 2019, 123, 106601.	7.8	27
17	On the replica structure of Sachdev- Ye -Kitaev model. Journal of High Energy Physics, 2019, 2019, 1.	4.7	20
18	Theory of the nonequilibrium electronic Mach-Zehnder interferometer. Physical Review B, 2011, 84, .	3.2	18

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19	Interaction quench in nonequilibrium Luttinger liquids. <i>Physical Review B</i> , 2013, 88, .	3.2	18
20	Full Current Statistics of Incoherent "Cold Electrons". <i>Physical Review Letters</i> , 2004, 93, 236803.	7.8	15
21	Relaxation processes in a disordered Luttinger liquid. <i>Semiconductors</i> , 2008, 42, 994-1007.	0.5	15
22	Influence of Coulomb interaction on the Aharonov-Bohm effect in an electronic Fabry-Pérot interferometer. <i>Physical Review B</i> , 2012, 85, .	3.2	14
23	Nonequilibrium functional bosonization of quantum wire networks. <i>Annals of Physics</i> , 2012, 327, 2794-2852.	2.8	13
24	Analytically solvable model of an electronic Mach-Zehnder interferometer. <i>Physical Review B</i> , 2013, 87, .	3.2	11
25	Sinai Diffusion at Quasi-1D Topological Phase Transitions. <i>Physical Review Letters</i> , 2016, 117, 196801.	7.8	11
26	Allowance for the short-range atomic order in describing the magnetic properties of disordered metal-metalloid alloys. <i>Journal of Magnetism and Magnetic Materials</i> , 1996, 153, 195-201.	2.3	8
27	Shot noise in mesoscopic transport through localised states. <i>Physica Status Solidi (B): Basic Research</i> , 2004, 241, 26-32.	1.5	7
28	Quantum Hall criticality in Floquet topological insulators. <i>Physical Review B</i> , 2020, 101, .	3.2	7
29	Photon-assisted shot noise in mesoscopic conductors. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2007, 40, 123-132.	2.7	5
30	Nonequilibrium noise and current fluctuations at the superconducting phase transition. <i>Physical Review B</i> , 2014, 90, .	3.2	5
31	Giant magnetoresistance in hybrid superconductor/ferromagnetic sandwich heterostructures. <i>Journal of Physics Condensed Matter</i> , 2001, 13, 4001-4014.	1.8	4
32	Probing the topological Anderson transition with quantum walks. <i>Physical Review Research</i> , 2021, 3, .	3.6	4
33	Shot noise as a probe of electron transport via localised states in sub-micrometer barriers. <i>Physica Status Solidi (B): Basic Research</i> , 2005, 242, 1229-1232.	1.5	3
34	Application of augmented-space formalism to a problem of configuration averaging in the theory of unordered alloys with correlated disorder. <i>Physical Review B</i> , 1999, 60, 7178-7195.	3.2	2