Dmitry A Bagrets

List of Publications by Year in descending order

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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	Probing the topological Anderson transition with quantum walks. Physical Review Research, 2021, 3, .	3.6	4
2	From operator statistics to wormholes. Physical Review Research, 2021, 3, .	3.6	32
3	Quantum Hall criticality in Floquet topological insulators. Physical Review B, 2020, 101, .	3.2	7
4	Quantum Criticality of Granular Sachdev-Ye-Kitaev Matter. Physical Review Letters, 2019, 123, 106601.	7.8	27
5	On the replica structure of Sachdev-Ye-Kitaev model. Journal of High Energy Physics, 2019, 2019, 1.	4.7	20
6	Sachdev-Ye-Kitaev Non-Fermi-Liquid Correlations in Nanoscopic Quantum Transport. Physical Review Letters, 2019, 123, 226801.	7.8	34
7	Quantum ergodicity in the SYK model. Nuclear Physics B, 2018, 930, 45-68.	2.5	54
8	Power-law out of time order correlation functions in the SYK model. Nuclear Physics B, 2017, 921, 727-752.	2.5	137
9	Sachdevâ€“Yeâ€“Kitaev model as Liouville quantum mechanics. Nuclear Physics B, 2016, 911, 191-205.	2.5	215
10	Theory of the strongly disordered Weyl semimetal. Physical Review B, 2016, 93, .	3.2	43
11	Sinai Diffusion at Quasi-1D Topological Phase Transitions. Physical Review Letters, 2016, 117, 196801.	7.8	11
12	Effective Field Theory of the Disordered Weyl Semimetal. Physical Review Letters, 2015, 114, 257201.	7.8	50
13	Topology versus Anderson localization: Nonperturbative solutions in one dimension. Physical Review B, 2015, 91, .	3.2	41
14	Nonequilibrium noise and current fluctuations at the superconducting phase transition. Physical Review B, 2014, 90, .	3.2	5
15	Quantum Criticality of Quasi-One-Dimensional Topological Anderson Insulators. Physical Review Letters, 2014, 112, .	7.8	62
16	Quasiclassical theory of disordered multi-channel Majorana quantum wires. New Journal of Physics, 2013, 15, 055019.	2.9	42
17	Analytically solvable model of an electronic Mach-Zehnder interferometer. Physical Review B, 2013, 87, .	3.2	11
18	Interaction quench in nonequilibrium Luttinger liquids. Physical Review B, 2013, 88, .	3.2	18

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19	Influence of Coulomb interaction on the Aharonov-Bohm effect in an electronic Fabry-PÃ©rot interferometer. Physical Review B, 2012, 85, .	3.2	14
20	Nonequilibrium functional bosonization of quantum wire networks. Annals of Physics, 2012, 327, 2794-2852.	2.8	13
21	Class<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>D</mml:mi></mml:math>Spectral Peak in Majorana Quantum Wires. Physical Review Letters, 2012, 109, 227005.	7.8	236
22	Theory of the nonequilibrium electronic Mach-Zehnder interferometer. Physical Review B, 2011, 84, .	3.2	18
23	Full Counting Statistics in the Self-Dual Interacting Resonant Level Model. Physical Review Letters, 2011, 107, 206801.	7.8	40
24	Tunneling into a nonequilibrium Luttinger liquid with impurity. Physical Review B, 2010, 81, .	3.2	29
25	Relaxation processes in a disordered Luttinger liquid. Semiconductors, 2008, 42, 994-1007.	0.5	15
26	Photon-assisted shot noise in mesoscopic conductors. Physica E: Low-Dimensional Systems and Nanostructures, 2007, 40, 123-132.	2.7	5
27	Shot noise as a probe of electron transport via localised states in sub-micrometer barriers. Physica Status Solidi (B): Basic Research, 2005, 242, 1229-1232.	1.5	3
28	Full Current Statistics of Incoherent â€œCold Electronsâ€• Physical Review Letters, 2004, 93, 236803.	7.8	15
29	Shot noise in mesoscopic transport through localised states. Physica Status Solidi (B): Basic Research, 2004, 241, 26-32.	1.5	7
30	Enhanced Shot Noise in Resonant Tunneling via Interacting Localized States. Physical Review Letters, 2003, 91, 136801.	7.8	106
31	Circuit Theory for Full Counting Statistics in Multiterminal Circuits. Physical Review Letters, 2002, 88, 196801.	7.8	75
32	Giant magnetoresistance in hybrid superconductor/ferromagnetic sandwich heterostructures. Journal of Physics Condensed Matter, 2001, 13, 4001-4014.	1.8	4
33	Application of augmented-space formalism to a problem of configuration averaging in the theory of unordered alloys with correlated disorder. Physical Review B, 1999, 60, 7178-7195.	3.2	2
34	Allowance for the short-range atomic order in describing the magnetic properties of disordered metal-metalloid alloys. Journal of Magnetism and Magnetic Materials, 1996, 153, 195-201.	2.3	8