

Victor Kagalovsky

List of Publications by Year in descending order

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum Hall Plateau Transitions in Disordered Superconductors. Physical Review Letters, 1999, 82, 3516-3519.	7.8	107
2	Thermal metal in network models of a disordered two-dimensional superconductor. Physical Review B, 2001, 65, .	3.2	90
3	Landau-level mixing and spin degeneracy in the quantum Hall effect. Physical Review B, 1997, 55, 7761-7770.	3.2	30
4	Universal Critical Exponent in Class D Superconductors. Physical Review Letters, 2008, 101, 127001.	7.8	10
5	Effect of resonances on diffusive scattering. Physical Review B, 1998, 57, 11258-11264.	3.2	9
6	Local impurity in a multichannel Luttinger liquid. Physical Review B, 2017, 95, .	3.2	9
7	Nonlinear supersymmetric \tilde{f} model for scalar classical waves. Physical Review E, 1998, 57, 2733-2738.	2.1	8
8	Monte Carlo study of particle renormalizations in the presence of dissipative environments. Physical Review B, 2008, 78, .	3.2	8
9	Temperature Scaling of Conductance between Quantum Hall Plateaus. Europhysics Letters, 1995, 31, 467-472.	2.0	7
10	Exact propagators for a two-dimensional electron in quadratic potentials and a transverse magnetic field. Physical Review B, 1996, 53, 13656-13661.	3.2	7
11	Weakly chiral networks and two-dimensional delocalized states in a weak magnetic field. Physical Review B, 2010, 81, .	3.2	7
12	Stability of a topological insulator: Interactions, disorder, and parity of Kramers doublets. Physical Review B, 2018, 97, .	3.2	6
13	Giant Fluctuations of Local Magnetoresistance of Organic Spin Valves and the Non-Hermitian 1D Anderson Model. Physical Review Letters, 2014, 112, 226601.	7.8	5
14	Metal-insulator transition in a sliding Luttinger liquid with line defects. Physical Review B, 2017, 96, .	3.2	5
15	Chaotic scattering with resonance enhancement. Nuclear Physics A, 1996, 606, 86-94.	1.5	4
16	Non-linear supersymmetric \tilde{f} -model for diffusive scattering of classical waves with resonance enhancement. Europhysics Letters, 1998, 42, 13-18.	2.0	4
17	Random matrix theory and metal-insulator transition in disordered superconductors. Physica E: Low-Dimensional Systems and Nanostructures, 2002, 12, 627-629.	2.7	3
18	Quantum Hall Effects in Layered Disordered Superconductors. Physical Review Letters, 2004, 93, 246802.	7.8	3

#	ARTICLE	IF	CITATIONS
19	VARIOUS FACETS OF CHALKERâ€™S CODDINGTON NETWORK MODEL. <i>Modern Physics Letters B</i> , 2004, 18, 385-391.	1.9	3
20	Spin quantum Hall transition in disordered superconductors. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2001, 9, 352-355.	2.7	2
21	Hyperfine-interaction-induced critical exponents in the quantum Hall effect. <i>Physical Review B</i> , 2007, 75, .	3.2	2
22	Instability of the sliding Luttinger liquid. <i>Journal of Physics Condensed Matter</i> , 2018, 30, 185602.	1.8	2
23	Sliding Luttinger liquid with alternating interwire couplings. <i>Journal of Physics Condensed Matter</i> , 2019, 31, 425601.	1.8	2
24	Hartree-Fock description of a Wigner crystal in two dimensions. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2020, 119, 114016.	2.7	2
25	Disorder-enhanced superconductivity in a quasi-one-dimensional strongly correlated system. <i>Physical Review Research</i> , 2021, 3, .	3.6	2
26	Spin-Orbit Scattering and Spin-Splitting in the Quantum Hall Effect. <i>Physica Status Solidi (B): Basic Research</i> , 1998, 205, 377-379.	1.5	1
27	Level Statistics of Quasiparticles in Disordered Two-Dimensional Superconductors. <i>Journal of Superconductivity and Novel Magnetism</i> , 2003, 16, 319-321.	0.5	1
28	Network models for 2D disordered superconductors. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2004, 22, 753-756.	2.7	1
29	Level statistics for quantum Hall systems. <i>Low Temperature Physics</i> , 2005, 31, 285-289.	0.6	1
30	Thermal and electrical quantum Hall effects in ferromagnet/topological insulator/ferromagnet junction. <i>Physical Review B</i> , 2015, 91, .	3.2	1
31	Topological insulator in junction with ferromagnets: Quantum Hall effects. <i>Journal of Magnetism and Magnetic Materials</i> , 2015, 383, 60-64.	2.3	1
32	Disorder-induced phase transitions in a spinful one-dimensional system. <i>Annals of Physics</i> , 2021, 435, 168482.	2.8	1
33	Superconducting edge states in a topological insulator. <i>Scientific Reports</i> , 2021, 11, 18400.	3.3	1
34	Spin-orbit scattering in the quantum Hall effect. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 1997, 1, 129-131.	2.7	0
35	Phase Diagram and Level Statistics in D Class Disordered Superconductors. <i>Physica Status Solidi (B): Basic Research</i> , 2002, 230, 117-119.	1.5	0
36	Particle on a ring coupled with a dirty metal. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2008, 5, 848-852.	0.8	0

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37	Symmetry, Universality and Critical Transitions in the Network Models. Journal of Computational and Theoretical Nanoscience, 2011, 8, 348-355.	0.4	0
38	Decoherence induced by magnetic impurities in a quantum hall system. Journal of Experimental and Theoretical Physics, 2013, 116, 657-662.	0.9	0
39	Levitation of delocalized states at weak magnetic field: Critical exponents and phase diagram. Low Temperature Physics, 2013, 39, 26-27.	0.6	0
40	Giant fluctuations of local magnetoresistance of organic spin valves. Synthetic Metals, 2015, 208, 13-16.	3.9	0
41	Phase diagram of the spin quantum Hall transition. Low Temperature Physics, 2018, 44, 1219-1220.	0.6	0
42	Electrostatic potential and magnetic moment of radially insulating Corbino disk. Physica E: Low-Dimensional Systems and Nanostructures, 2022, 137, 115049.	2.7	0
43	Noise signal as input data in self-organized neural networks. Low Temperature Physics, 2022, 48, 452-458.	0.6	0