

Alexander D Mirlin

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225
papers

10,432
citations

53
h-index

94
g-index

231
ext. papers

11,919
ext. citations

4.6
avg, IF

6.63
L-index

#	Paper	IF	Citations
225	Anderson transitions. <i>Reviews of Modern Physics</i> , 2008 , 80, 1355-1417	40.5	1076
224	Statistics of energy levels and eigenfunctions in disordered systems. <i>Physics Reports</i> , 2000 , 326, 259-382	27.7	536
223	Interacting electrons in disordered wires: Anderson localization and low-T transport. <i>Physical Review Letters</i> , 2005 , 95, 206603	7.4	528
222	Electron transport in disordered graphene. <i>Physical Review B</i> , 2006 , 74,	3.3	359
221	Theory of microwave-induced oscillations in the magnetoconductivity of a two-dimensional electron gas. <i>Physical Review B</i> , 2005 , 71,	3.3	283
220	Transition from localized to extended eigenstates in the ensemble of power-law random banded matrices. <i>Physical Review E</i> , 1996 , 54, 3221-3230	2.4	271
219	Scaling properties of localization in random band matrices: A sigma -model approach. <i>Physical Review Letters</i> , 1991 , 67, 2405-2409	7.4	208
218	Multifractality and critical fluctuations at the Anderson transition. <i>Physical Review B</i> , 2000 , 62, 7920-7933	3.3	166
217	Fluctuations of the inverse participation ratio at the anderson transition. <i>Physical Review Letters</i> , 2000 , 84, 3690-3	7.4	156
216	Nonequilibrium phenomena in high Landau levels. <i>Reviews of Modern Physics</i> , 2012 , 84, 1709-1763	40.5	151
215	Cyclotron-resonance harmonics in the ac response of a 2D electron gas with smooth disorder. <i>Physical Review Letters</i> , 2003 , 91, 226802	7.4	150
214	Quantum criticality and minimal conductivity in graphene with long-range disorder. <i>Physical Review Letters</i> , 2007 , 98, 256801	7.4	130
213	STATISTICAL PROPERTIES OF EIGENFUNCTIONS OF RANDOM QUASI 1D ONE-PARTICLE HAMILTONIANS. <i>International Journal of Modern Physics B</i> , 1994 , 08, 3795-3842	1.1	128
212	Counting statistics for arbitrary cycles in quantum pumps. <i>Physical Review Letters</i> , 2001 , 87, 276803	7.4	120
211	Universality of level correlation function of sparse random matrices. <i>Journal of Physics A</i> , 1991 , 24, 2273-2286	115	
210	Fluctuations of Conductance Peak Spacings in the Coulomb Blockade Regime: Role of Electron-Electron Interaction. <i>Physical Review Letters</i> , 1997 , 78, 2449-2452	7.4	111
209	Mesoscopic fluctuations of eigenfunctions and level-velocity distribution in disordered metals. <i>Physical Review B</i> , 1995 , 51, 13403-13409	3.3	111

208	Hydrodynamics in graphene: Linear-response transport. <i>Physical Review B</i> , 2015 , 91,	3.3	103
207	Interaction-induced criticality in Z(2) topological insulators. <i>Physical Review Letters</i> , 2010 , 105, 036803	7.4	102
206	Distribution of local densities of states, order parameter function, and critical behavior near the Anderson transition. <i>Physical Review Letters</i> , 1994 , 72, 526-529	7.4	102
205	Exact relations between multifractal exponents at the Anderson transition. <i>Physical Review Letters</i> , 2006 , 97, 046803	7.4	94
204	Localization of charged quantum particles in a static random magnetic field. <i>Physical Review B</i> , 1994 , 49, 16609-16613	3.3	91
203	Conductance Fluctuations of Disordered Wires: Fourier Analysis on Supersymmetric Spaces. <i>Annals of Physics</i> , 1994 , 236, 325-373	2.5	91
202	Theory of anomalous quantum Hall effects in graphene. <i>Physical Review B</i> , 2008 , 77,	3.3	90
201	Interaction-induced magnetoresistance in a two-dimensional electron gas. <i>Physical Review B</i> , 2004 , 69,	3.3	85
200	Quasiclassical negative magnetoresistance of a 2D electron gas: interplay of strong scatterers and smooth disorder. <i>Physical Review Letters</i> , 2001 , 87, 126805	7.4	83
199	Microwave photoconductivity of a two-dimensional electron gas: Mechanisms and their interplay at high radiation power. <i>Physical Review B</i> , 2007 , 75,	3.3	79
198	Mechanisms of the microwave photoconductivity in two-dimensional electron systems with mixed disorder. <i>Physical Review B</i> , 2009 , 80,	3.3	77
197	Localization in ensemble of sparse random matrices. <i>Physical Review Letters</i> , 1991 , 67, 2049-2052	7.4	77
196	Localization transition in the Anderson model on the Bethe lattice: Spontaneous symmetry breaking and correlation functions. <i>Nuclear Physics B</i> , 1991 , 366, 507-532	2.8	77
195	Many-body localization and delocalization in large quantum chains. <i>Physical Review B</i> , 2018 , 98,	3.3	77
194	Conductivity of a generic helical liquid. <i>Physical Review B</i> , 2014 , 90,	3.3	75
193	Strong Magnetoresistance Induced by Long-Range Disorder. <i>Physical Review Letters</i> , 1999 , 83, 2801-2804	7.4	75
192	Collision-dominated nonlinear hydrodynamics in graphene. <i>Physical Review B</i> , 2015 , 92,	3.3	74
191	Interaction-induced magnetoresistance: from the diffusive to the ballistic regime. <i>Physical Review Letters</i> , 2003 , 90, 076801	7.4	74

190	Charge transport in graphene with resonant scatterers. <i>Physical Review Letters</i> , 2010 , 104, 076802	7.4	73
189	Bosonization of one-dimensional fermions out of equilibrium. <i>Physical Review B</i> , 2010 , 81,	3.3	72
188	Diffusion and criticality in undoped graphene with resonant scatterers. <i>Physical Review Letters</i> , 2010 , 105, 266803	7.4	70
187	Enhancement of the critical temperature of superconductors by Anderson localization. <i>Physical Review Letters</i> , 2012 , 108, 017002	7.4	70
186	Electron-electron interaction in the magnetoresistance of graphene. <i>Physical Review Letters</i> , 2012 , 108, 106601	7.4	69
185	Analytic theory of ballistic transport in disordered graphene. <i>Physical Review B</i> , 2009 , 79,	3.3	69
184	Localization and fluctuations of local spectral density on treelike structures with large connectivity: Application to the quasiparticle line shape in quantum dots. <i>Physical Review B</i> , 1997 , 56, 13393-13404	3.3	67
183	Analytical derivation of the scaling law for the inverse participation ratio in quasi-one-dimensional disordered systems. <i>Physical Review Letters</i> , 1992 , 69, 1093-1096	7.4	65
182	Multifractality of wave functions at the quantum Hall transition revisited. <i>Physical Review B</i> , 2001 , 64,	3.3	63
181	Anderson localization and ergodicity on random regular graphs. <i>Physical Review B</i> , 2016 , 94,	3.3	62
180	Coulomb interaction in graphene: Relaxation rates and transport. <i>Physical Review B</i> , 2011 , 83,	3.3	60
179	Quasiclassical magnetotransport in a random array of antidots. <i>Physical Review B</i> , 2001 , 64,	3.3	60
178	Statistical properties of random banded matrices with strongly fluctuating diagonal elements. <i>Physical Review B</i> , 1995 , 52, 11580-11583	3.3	60
177	Semiclassical theory of transport in a random magnetic field. <i>Physical Review B</i> , 1999 , 60, 8951-8969	3.3	58
176	The statistics of eigenvector components of random band matrices: analytical results. <i>Journal of Physics A</i> , 1993 , 26, L551-L558		56
175	Multifractality at the quantum Hall transition: beyond the parabolic paradigm. <i>Physical Review Letters</i> , 2008 , 101, 116803	7.4	55
174	Oscillatory ac conductivity and photoconductivity of a two-dimensional electron gas: Quasiclassical transport beyond the Boltzmann equation. <i>Physical Review B</i> , 2004 , 70,	3.3	55
173	Giant magnetodrag in graphene at charge neutrality. <i>Physical Review Letters</i> , 2013 , 111, 166601	7.4	53

172	Dimensionality dependence of the wave-function statistics at the Anderson transition. <i>Physical Review B</i> , 2002 , 66,	3-3	53
171	Dephasing and weak localization in disordered Luttinger liquid. <i>Physical Review Letters</i> , 2005 , 95, 046404	7-4	52
170	Quantum Billiards with Surface Scattering: Ballistic Sigma-Model Approach. <i>Physical Review Letters</i> , 1998 , 80, 4161-4164	7-4	52
169	Conductivity of suspended graphene at the Dirac point. <i>Physical Review B</i> , 2012 , 86,	3-3	51
168	Fractality of wave functions on a Cayley tree: Difference between tree and locally treelike graph without boundary. <i>Physical Review B</i> , 2016 , 94,	3-3	50
167	Level-to-level fluctuations of the inverse participation ratio in finite quasi 1D disordered systems. <i>Physical Review Letters</i> , 1993 , 71, 412-415	7-4	49
166	Electron transport in a disordered Luttinger liquid. <i>Physical Review B</i> , 2007 , 75,	3-3	48
165	Hydrodynamic Approach to Electronic Transport in Graphene. <i>Annalen Der Physik</i> , 2017 , 529, 1700043	2-6	47
164	Nonequilibrium Luttinger liquid: zero-bias anomaly and dephasing. <i>Physical Review Letters</i> , 2008 , 101, 126802	7-4	44
163	Interaction effects on magneto-oscillations in a two-dimensional electron gas. <i>Physical Review B</i> , 2006 , 73,	3-3	44
162	Theory of fractional microwave-induced resistance oscillations. <i>Physical Review Letters</i> , 2007 , 99, 206805	7-4	44
161	Interaction-induced dephasing of Aharonov-Bohm oscillations. <i>Physical Review B</i> , 2004 , 69,	3-3	44
160	A novel field theoretical approach to the Anderson localization : sparse random hopping model. <i>Journal De Physique, I</i> , 1992 , 2, 1571-1605		43
159	Energy transport in the Anderson insulator. <i>Physical Review B</i> , 2016 , 93,	3-3	42
158	Conductivity of disordered graphene at half filling. <i>European Physical Journal: Special Topics</i> , 2007 , 148, 63-72	2-3	42
157	Weiss oscillations in the presence of small-angle impurity scattering. <i>Physical Review B</i> , 1998 , 58, 12986-12992	3-3	42
156	Transversal magnetoresistance in Weyl semimetals. <i>Physical Review B</i> , 2015 , 92,	3-3	41
155	Composite Fermions in a Long-Range Random Magnetic Field: Quantum Hall Effect versus Shubnikov-de Haas Oscillations. <i>Physical Review Letters</i> , 1998 , 80, 2429-2432	7-4	41

154	Coulomb drag in graphene near the Dirac point. <i>Physical Review Letters</i> , 2013 , 110, 026601	7.4	40
153	Correlations of eigenfunctions in disordered systems. <i>Physical Review E</i> , 1997 , 55, 6514-6518	2.4	39
152	Statistical properties of one-point Green functions in disordered systems and critical behavior near the Anderson transition. <i>Journal De Physique, I</i> , 1994 , 4, 655-673		39
151	Quantum elasticity of graphene: Thermal expansion coefficient and specific heat. <i>Physical Review B</i> , 2016 , 94,	3.3	37
150	Instanton vacuum at non-zero temperatures. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1988 , 203, 299-304	4.2	37
149	Many-body localization transition with power-law interactions: Statistics of eigenstates. <i>Physical Review B</i> , 2018 , 97,	3.3	36
148	Tunneling spectroscopy of Luttinger-liquid structures far from equilibrium. <i>Physical Review B</i> , 2009 , 80,	3.3	36
147	Strong eigenfunction correlations near the Anderson-localization transition. <i>Physical Review B</i> , 1997 , 55, R16001-R16004	3.3	36
146	Statistics of eigenstates near the localization transition on random regular graphs. <i>Physical Review B</i> , 2019 , 99,	3.3	34
145	Wave function multifractality and dephasing at metal-insulator and quantum Hall transitions. <i>Annals of Physics</i> , 2011 , 326, 1457-1478	2.5	33
144	Surface criticality and multifractality at localization transitions. <i>Physical Review Letters</i> , 2006 , 96, 126802	7.4	33
143	Single-Particle Relaxation in a Random Magnetic Field. <i>Europhysics Letters</i> , 1995 , 29, 239-244	1.6	33
142	Distribution of local density of states in disordered metallic samples: Logarithmically normal asymptotics. <i>Physical Review B</i> , 1996 , 53, 1186-1192	3.3	32
141	Stress-controlled Poisson ratio of a crystalline membrane: Application to graphene. <i>Physical Review B</i> , 2018 , 97,	3.3	31
140	Rippling and crumpling in disordered free-standing graphene. <i>Physical Review B</i> , 2015 , 92,	3.3	31
139	Non-equilibrium 1D many-body problems and asymptotic properties of Toeplitz determinants. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2011 , 44, 165003	2	31
138	Compressibility of a two-dimensional electron gas under microwave radiation. <i>Physical Review B</i> , 2004 , 70,	3.3	31
137	Novel symmetry of a random matrix ensemble: Partially broken spin rotation invariance. <i>Physical Review Letters</i> , 1994 , 72, 1894-1897	7.4	31

136	Transport in a disordered \mathbb{Z}_2 fractional quantum Hall junction. <i>Annals of Physics</i> , 2017 , 385, 287-327	2.5	30
135	Bosonization out of equilibrium. <i>Europhysics Letters</i> , 2010 , 90, 37003	1.6	30
134	Metal-insulator transition in two-dimensional random fermion systems of chiral symmetry classes. <i>Physical Review B</i> , 2012 , 85,	3.3	30
133	Multifractality at Anderson transitions with Coulomb interaction. <i>Physical Review Letters</i> , 2013 , 111, 066601	7.4	29
132	Full counting statistics of a Luttinger liquid conductor. <i>Physical Review Letters</i> , 2010 , 105, 256802	7.4	29
131	Theory of microwave-induced photocurrent and photovoltage magneto-oscillations in a spatially nonuniform two-dimensional electron gas. <i>Physical Review B</i> , 2009 , 80,	3.3	29
130	Density of quasiparticle states for a two-dimensional disordered system: Metallic, insulating, and critical behavior in the class-D thermal quantum Hall effect. <i>Physical Review B</i> , 2007 , 75,	3.3	29
129	Many-body delocalization dynamics in long Aubry-Andr \acute{e} quasiperiodic chains. <i>Physical Review B</i> , 2019 , 100,	3.3	28
128	Superconductor-insulator transitions: Phase diagram and magnetoresistance. <i>Physical Review B</i> , 2015 , 92,	3.3	28
127	Dynamics of waves in one-dimensional electron systems: Density oscillations driven by population inversion. <i>Physical Review B</i> , 2013 , 87,	3.3	28
126	Wavefunction statistics and multifractality at the spin quantum Hall transition. <i>Journal of Physics A</i> , 2003 , 36, 3255-3279		27
125	Velocity Shift of Surface Acoustic Waves due to Interaction with Composite Fermions in a Modulated Structure. <i>Physical Review Letters</i> , 1998 , 81, 1070-1073	7.4	27
124	Fluctuations of the number of energy levels at the mobility edge. <i>Physical Review B</i> , 1995 , 51, 6131-6134	3.3	27
123	Half-integer quantum Hall effect of disordered Dirac fermions at a topological insulator surface. <i>Physical Review B</i> , 2014 , 90,	3.3	26
122	Differential Poisson \acute{e} ratio of a crystalline two-dimensional membrane. <i>Annals of Physics</i> , 2018 , 396, 119-136	1.36	25
121	Multifractality of wave functions on a Cayley tree: From root to leaves. <i>Physical Review B</i> , 2017 , 96,	3.3	25
120	Spatial structure of anomalously localized states in disordered conductors. <i>Journal of Mathematical Physics</i> , 1997 , 38, 1888-1917	1.2	25
119	Zero-frequency anomaly in quasiclassical ac transport: Memory effects in a two-dimensional metal with a long-range random potential or random magnetic field. <i>Physical Review B</i> , 2000 , 61, 13774-13784	3.3	25

118	On the density of states of sparse random matrices. <i>Journal of Physics A</i> , 1991 , 24, 2219-2223		25
117	Spectral diffusion and scaling of many-body delocalization transitions. <i>Annalen Der Physik</i> , 2017 , 529, 1600360	2.6	24
116	Tunneling into a nonequilibrium Luttinger liquid with impurity. <i>Physical Review B</i> , 2010 , 81,	3.3	24
115	Composite Fermions in the Fractional Quantum Hall Effect: Transport at Finite Wave Vector. <i>Physical Review Letters</i> , 1997 , 78, 3717-3720	7.4	24
114	Many-body delocalization transition and relaxation in a quantum dot. <i>Physical Review B</i> , 2016 , 93,	3.3	23
113	Classification and symmetry properties of scaling dimensions at Anderson transitions. <i>Physical Review B</i> , 2013 , 87,	3.3	23
112	Symmetries of multifractal spectra and field theories of Anderson localization. <i>Physical Review Letters</i> , 2011 , 107, 086403	7.4	23
111	Quantum Hall ferromagnets, cooperative transport anisotropy, and the random field Ising model. <i>Physical Review B</i> , 2002 , 66,	3.3	22
110	Synthesizing a $\nu=2/3$ fractional quantum Hall effect edge state from counter-propagating $\nu=1$ and $\nu=1/3$ states. <i>Nature Communications</i> , 2019 , 10, 1920	17.4	21
109	Relaxation in Luttinger liquids: Bose-Fermi duality. <i>Physical Review B</i> , 2014 , 90,	3.3	21
108	Loschmidt echo and Lyapunov exponent in a quantum disordered system. <i>Physical Review E</i> , 2003 , 67, 056217	2.4	21
107	Level and eigenfunction statistics in billiards with surface disorder. <i>Physical Review B</i> , 2001 , 63,	3.3	21
106	Wave function correlations on the ballistic scale: exploring quantum chaos by quantum disorder. <i>Physical Review E</i> , 2002 , 65, 025202	2.4	21
105	Symmetries and weak localization and antilocalization of Dirac fermions in HgTe quantum wells. <i>Physical Review B</i> , 2012 , 86,	3.3	20
104	Multifractality at the spin quantum Hall transition. <i>Physical Review B</i> , 2003 , 67,	3.3	20
103	Electron-electron interaction in disordered mesoscopic systems: Weak localization and mesoscopic fluctuations of polarizability and capacitance. <i>Physical Review B</i> , 1998 , 57, 4566-4578	3.3	20
102	Theory of Shubnikov-de Haas oscillations around the $\nu=1/2$ filling factor of the Landau level: Effect of gauge-field fluctuations. <i>Physical Review B</i> , 1995 , 52, 4708-4711	3.3	20
101	Interaction and disorder effects in three-dimensional topological insulator thin films. <i>Physical Review B</i> , 2013 , 88,	3.3	19

100	Dissipationless kinetics of one-dimensional interacting fermions. <i>Physical Review B</i> , 2014 , 89,	3-3	19
99	Cold bosons in the Landauer setup. <i>Physical Review B</i> , 2012 , 85,	3-3	19
98	Kinetic theory of fluctuations in conducting systems. <i>Physical Review B</i> , 2005 , 71,	3-3	19
97	Absence of many-body localization in a continuum. <i>Annalen Der Physik</i> , 2017 , 529, 1600365	2.6	18
96	Topological Classification of Shot Noise on Fractional Quantum Hall Edges. <i>Physical Review Letters</i> , 2019 , 123, 137701	7-4	18
95	Quantum Hall criticality and localization in graphene with short-range impurities at the Dirac point. <i>Physical Review Letters</i> , 2014 , 112, 026802	7-4	18
94	Density of states in a two-dimensional chiral metal with vacancies. <i>Physical Review Letters</i> , 2014 , 113, 186803	7-4	18
93	Thermoelectric transport in junctions of Majorana and Dirac channels. <i>Physical Review B</i> , 2017 , 95,	3-3	18
92	Anomalous Hooke's law in disordered graphene. <i>2D Materials</i> , 2017 , 4, 011003	5-9	18
91	Noise on complex quantum Hall edges: Chiral anomaly and heat diffusion. <i>Physical Review B</i> , 2019 , 99,	3-3	17
90	Local density of states and its mesoscopic fluctuations near the transition to a superconducting state in disordered systems. <i>Physical Review B</i> , 2016 , 93,	3-3	17
89	Boundary multifractality in critical one-dimensional systems with long-range hopping. <i>Physical Review B</i> , 2007 , 75,	3-3	17
88	Coulomb drag in high Landau levels. <i>Physical Review B</i> , 2004 , 70,	3-3	17
87	Theory of the oscillatory photoconductivity of a two-dimensional electron system. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2004 , 25, 205-211	3	17
86	Theory of the nonequilibrium electronic Mach-Zehnder interferometer. <i>Physical Review B</i> , 2011 , 84,	3-3	16
85	Quantum corrections to the conductivity of fermion gauge-field models: Application to the half-filled Landau level. <i>Physical Review B</i> , 1997 , 55, 5141-5146	3-3	16
84	Magnetotransport of electrons in quantum Hall systems. <i>Physica Status Solidi (B): Basic Research</i> , 2008 , 245, 239-259	1-3	16
83	Nonequilibrium mesoscopic conductance fluctuations. <i>Physical Review B</i> , 2004 , 70,	3-3	16

82	Weiss oscillations in surface-acoustic-wave propagation. <i>Physical Review B</i> , 1998 , 58, 7113-7119	3.3	16
81	Transversal magnetoresistance and Shubnikov-de Haas oscillations in Weyl semimetals. <i>Physical Review B</i> , 2017 , 96,	3.3	15
80	Interaction quench in nonequilibrium Luttinger liquids. <i>Physical Review B</i> , 2013 , 88,	3.3	15
79	Intensity distribution for waves in disordered media: Deviations from Rayleigh statistics. <i>Physical Review E</i> , 1998 , 57, R6285-R6288	2.4	15
78	Berezinskii-Kosterlitz-Thouless transition in homogeneously disordered superconducting films. <i>Physical Review B</i> , 2015 , 92,	3.3	14
77	Quantum magneto-oscillations in the ac conductivity of disordered graphene. <i>Physical Review B</i> , 2013 , 87,	3.3	14
76	ANDERSON TRANSITIONS: CRITICALITY, SYMMETRIES AND TOPOLOGIES. <i>International Journal of Modern Physics B</i> , 2010 , 24, 1577-1620	1.1	14
75	Relaxation processes in a disordered Luttinger liquid. <i>Semiconductors</i> , 2008 , 42, 994-1007	0.7	14
74	Multifractality and electron-electron interaction at Anderson transitions. <i>Physical Review B</i> , 2015 , 91,	3.3	13
73	Superconductor-insulator transition in disordered Josephson-junction chains. <i>Physical Review B</i> , 2017 , 96,	3.3	13
72	Nonequilibrium functional bosonization of quantum wire networks. <i>Annals of Physics</i> , 2012 , 327, 2794-2852	3.3	13
71	Negative conductivity and anomalous screening in two-dimensional electron systems subjected to microwave radiation. <i>Physical Review B</i> , 2011 , 84,	3.3	13
70	Emergence of domains and nonlinear transport in the zero-resistance state. <i>Physical Review Letters</i> , 2013 , 111, 206801	7.4	12
69	From Quantum Disorder to Quantum Chaos. <i>Journal of Low Temperature Physics</i> , 2002 , 126, 1339-1354	1.3	12
68	Slow Many-Body Delocalization beyond One Dimension. <i>Physical Review Letters</i> , 2020 , 125, 155701	7.4	12
67	Relaxation of optically excited carriers in graphene: Anomalous diffusion and Lévy flights. <i>Physical Review B</i> , 2014 , 89,	3.3	11
66	Analytically solvable model of an electronic Mach-Zehnder interferometer. <i>Physical Review B</i> , 2013 , 87,	3.3	11
65	Phase transition in a model with non-compact symmetry on Bethe lattice and the replica limit. <i>Journal of Physics A</i> , 1996 , 29, 5333-5345		11

64	Quantum Hall effects in normal and superconducting systems: localization and multifractality. <i>Physica Status Solidi (B): Basic Research</i> , 2008 , 245, 284-302	1.3	11
63	Noise on the non-Abelian $\nu=5/2$ Fractional Quantum Hall Edge. <i>Physical Review Letters</i> , 2020 , 125, 157702	7.4	11
62	Long Flights due to Anisotropic Disorder in Graphene. <i>Physical Review Letters</i> , 2016 , 117, 046603	7.4	10
61	Transport via double constrictions in integer and fractional topological insulators. <i>Physical Review B</i> , 2013 , 88,	3.3	10
60	Nonequilibrium zero-bias anomaly in disordered metals. <i>Physical Review Letters</i> , 2008 , 100, 086801	7.4	10
59	Quantum interference and spin-charge separation in a disordered Luttinger liquid. <i>Physical Review B</i> , 2008 , 78,	3.3	10
58	Statistical Properties of the Local Density of States and the Knight Shift in Disordered Wires. <i>Europhysics Letters</i> , 1994 , 25, 669-674	1.6	10
57	Tunneling into the localized phase near Anderson transitions with Coulomb interaction. <i>Physical Review B</i> , 2014 , 89,	3.3	9
56	Correlations in nonequilibrium Luttinger liquid and singular Fredholm determinants. <i>Physical Review Letters</i> , 2013 , 110, 216404	7.4	9
55	Many-particle correlations in a non-equilibrium Luttinger liquid. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2011 , 2011, P11001	1.9	9
54	Griffiths phase in the thermal quantum Hall effect. <i>Physical Review B</i> , 2006 , 73,	3.3	9
53	Magnetotransport in two-dimensional lateral superlattices with smooth disorder: Quasiclassical theory of commensurability oscillations. <i>Physical Review B</i> , 2001 , 63,	3.3	8
52	Magnetotransport in lateral superlattices with small-angle impurity scattering: Low-field magnetoresistance. <i>Physical Review B</i> , 2001 , 64,	3.3	8
51	Gor'kov and Eliashberg linear-response theory: Rigorous derivation and limits of applicability. <i>Physical Review B</i> , 1996 , 53, 12601-12604	3.3	8
50	Majorana modes in emergent-wire phases of helical and cycloidal magnet-superconductor hybrids. <i>Physical Review B</i> , 2020 , 102,	3.3	7
49	Resonant supercollisions and electron-phonon heat transfer in graphene. <i>Physical Review B</i> , 2018 , 97,	3.3	7
48	Equilibration in a chiral Luttinger liquid. <i>Physical Review B</i> , 2015 , 91,	3.3	7
47	Angular Dependence of Universal Conductance Fluctuations in Noble-Metal Nanowires. <i>Physical Review Letters</i> , 1997 , 78, 3362-3365	7.4	7

46	Nonadiabatic scattering of a classical particle in an inhomogeneous magnetic field. <i>Physical Review B</i> , 1998 , 58, 15321-15324	3-3	7
45	Temperature Enhancement of Thermal Hall Conductance Quantization. <i>Physical Review Letters</i> , 2020 , 125, 236802	7-4	7
44	Decay of plasmonic waves in Josephson junction chains. <i>Physical Review B</i> , 2018 , 98,	3-3	7
43	Conductance plateaus and shot noise in fractional quantum Hall point contacts. <i>Physical Review B</i> , 2020 , 101,	3-3	6
42	Transmission through a potential barrier in Luttinger liquids with a topological spin gap. <i>Physical Review B</i> , 2018 , 97,	3-3	6
41	Quantum interference in HgTe structures. <i>Physica Status Solidi (B): Basic Research</i> , 2014 , 251, 1786-1800	1-3	6
40	Transport of charge-density waves in the presence of disorder: classical pinning versus quantum localization. <i>Physical Review Letters</i> , 2007 , 99, 156405	7-4	6
39	Comment on "Antilocalization in a 2D electron gas in a random magnetic field". <i>Physical Review Letters</i> , 2001 , 86, 3688-9	7-4	6
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