

Reinhold Egger

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

201
papers

6,917
citations

46
h-index

75
g-index

212
ext. papers

7,695
ext. citations

4
avg, IF

6.17
L-index

#	Paper	IF	Citations
201	Multiparticle scattering and breakdown of the Wiedemann-Franz law at a junction of N interacting quantum wires. <i>Physical Review B</i> , 2022 , 105,	3.3	1
200	Finite-temperature corrections to the Lorenz ratio at the N = 3 topological Kondo fixed point. <i>Journal of Physics: Conference Series</i> , 2022 , 2164, 012060	0.3	
199	Dimensionality-Driven Photoproduction of Massive Dirac Pairs near Threshold in Gapped Graphene Monolayers. <i>Physical Review Letters</i> , 2020 , 124, 110403	7.4	7
198	Boundary Green's function approach for spinful single-channel and multichannel Majorana nanowires. <i>Physical Review B</i> , 2020 , 101,	3.3	3
197	Weak Measurement Protocols for Majorana Bound State Identification. <i>Physical Review Letters</i> , 2020 , 124, 096801	7.4	20
196	Evidence of Majorana fermions in the noise characteristic of normal metal-topological superconductor junctions. <i>European Physical Journal: Special Topics</i> , 2020 , 229, 577-592	2.3	1
195	Multi-particle interferometry in the time-energy domain with localized topological quasiparticles. <i>Physical Review Research</i> , 2020 , 2,	3.9	2
194	Parity-to-charge conversion in Majorana qubit readout. <i>Physical Review Research</i> , 2020 , 2,	3.9	11
193	Topological Kondo Effect. <i>Springer Proceedings in Physics</i> , 2020 , 131-153	0.2	
192	Phase diagram and phonon-induced backscattering in topological insulator nanowires. <i>Physical Review B</i> , 2020 , 101,	3.3	1
191	Driven Dissipative Majorana Dark Spaces. <i>Physical Review Letters</i> , 2020 , 125, 147701	7.4	6
190	Towards dark space stabilization and manipulation in driven dissipative Majorana platforms. <i>Physical Review B</i> , 2020 , 102,	3.3	7
189	Electrical Access to Ising Anyons in Kitaev Spin Liquids. <i>Physical Review Letters</i> , 2020 , 125, 227202	7.4	2
188	Spin Chain Network Construction of Chiral Spin Liquids. <i>Physical Review Letters</i> , 2019 , 123, 137202	7.4	4
187	Simulating dynamically assisted production of Dirac pairs in gapped graphene monolayers. <i>Physical Review D</i> , 2019 , 99,	4.9	7
186	Fidelity and visibility loss in Majorana qubits by entanglement with environmental modes. <i>Physical Review B</i> , 2019 , 99,	3.3	9
185	Chiral Y junction of quantum spin chains. <i>Nuclear Physics B</i> , 2019 , 941, 794-837	2.8	5

184	Giant Shot Noise from Majorana Zero Modes in Topological Trijunctions. <i>Physical Review Letters</i> , 2019 , 122, 097003	7.4	13
183	Simulating topological tensor networks with Majorana qubits. <i>Physical Review B</i> , 2019 , 99,	3.3	14
182	Non-Abelian Berry phase for open quantum systems: Topological protection versus geometric dephasing. <i>Physical Review B</i> , 2019 , 100,	3.3	8
181	Non-Abelian Geometric Dephasing. <i>Physical Review Letters</i> , 2019 , 123, 060405	7.4	7
180	Superconductivity from piezoelectric interactions in Weyl semimetals. <i>Physical Review B</i> , 2019 , 100,	3.3	2
179	Nontopological Majorana Zero Modes in Inhomogeneous Spin Ladders. <i>Physical Review Letters</i> , 2019 , 122, 027201	7.4	7
178	Measurement and control of a Coulomb-blockaded parafermion box. <i>Physical Review B</i> , 2018 , 97,	3.3	7
177	Quantum spin circulator in Y junctions of Heisenberg chains. <i>Physical Review B</i> , 2018 , 97,	3.3	5
176	Fermi-Liquid Approach for Superconducting Kondo Problems. <i>Physical Review Letters</i> , 2018 , 121, 207701	7.4	8
175	Josephson effect in junctions of conventional and topological superconductors. <i>Beilstein Journal of Nanotechnology</i> , 2018 , 9, 1659-1676	3	7
174	Quantum transport in coupled Majorana box systems. <i>Physical Review B</i> , 2018 , 97,	3.3	5
173	Parafermionic generalization of the topological Kondo effect. <i>Physical Review B</i> , 2018 , 97,	3.3	4
172	Josephson Effect in Majorana Box Devices. <i>Physical Review Letters</i> , 2017 , 118, 057001	7.4	11
171	Hanbury Brown and Twiss noise correlations in a topological superconductor beam splitter. <i>Physical Review B</i> , 2017 , 95,	3.3	11
170	Two-electron bound states near a Coulomb impurity in gapped graphene. <i>Physical Review B</i> , 2017 , 95,	3.3	6
169	Majorana box qubits. <i>New Journal of Physics</i> , 2017 , 19, 012001	2.9	172
168	Majorana qubits in a topological insulator nanoribbon architecture. <i>Physical Review B</i> , 2017 , 95,	3.3	31
167	Josephson effect in multiterminal topological junctions. <i>Physical Review B</i> , 2017 , 96,	3.3	16

166	Proximity-induced superconductivity in Landau-quantized graphene monolayers. <i>Physical Review B</i> , 2017 , 96,	3-3	2
165	Roadmap to Majorana surface codes. <i>Physical Review B</i> , 2016 , 94,	3-3	84
164	Kondo physics from quasiparticle poisoning in Majorana devices. <i>Physical Review B</i> , 2016 , 93,	3-3	16
163	Low-energy theory of transport in Majorana wire junctions. <i>Physical Review B</i> , 2016 , 94,	3-3	53
162	Low-dimensional approach to pair production in an oscillating electric field: Application to bandgap graphene layers. <i>Physical Review D</i> , 2016 , 93,	4-9	14
161	Towards Realistic Implementations of a Majorana Surface Code. <i>Physical Review Letters</i> , 2016 , 116, 050501	3-4	95
160	Chiral interface states in graphene p \bar{n} junctions. <i>Physical Review B</i> , 2016 , 94,	3-3	14
159	Focus on nonequilibrium fluctuation relations: from classical to quantum. <i>New Journal of Physics</i> , 2015 , 17, 020201	2-9	3
158	Interaction Effects on Transport in Majorana Nanowires 2015 , 377-400		
157	Two-impurity helical Majorana problem. <i>Physical Review B</i> , 2015 , 91,	3-3	5
156	Interaction-induced conductance from zero modes in a clean magnetic graphene waveguide. <i>Physical Review B</i> , 2015 , 92,	3-3	4
155	Majorana entanglement bridge. <i>Physical Review B</i> , 2015 , 91,	3-3	12
154	Particle transport in graphene nanoribbon driven by ultrashort pulses. <i>European Physical Journal B</i> , 2014 , 87, 1	1-2	5
153	Quasiparticle trapping, Andreev level population dynamics, and charge imbalance in superconducting weak links. <i>Physical Review B</i> , 2014 , 90,	3-3	19
152	Multichannel Kondo impurity dynamics in a Majorana device. <i>Physical Review Letters</i> , 2014 , 113, 076401	7-4	61
151	Non-Fermi-liquid manifold in a Majorana device. <i>Physical Review Letters</i> , 2014 , 113, 076404	7-4	27
150	Scattering theory and ground-state energy of Dirac fermions in graphene with two Coulomb impurities. <i>European Physical Journal B</i> , 2014 , 87, 1	1-2	12
149	Electric-dipole-induced universality for Dirac fermions in graphene. <i>Physical Review Letters</i> , 2014 , 112, 186603	7-4	26

148	Tunneling spectroscopy of Majorana-Kondo devices. <i>Physical Review B</i> , 2014 , 90,	3.3	24
147	Transport properties of the Coulomb-Majorana junction. <i>New Journal of Physics</i> , 2014 , 16, 015010	2.9	32
146	Bethe ansatz solution of the topological Kondo model. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2014 , 47, 265001	2	23
145	Orbital Ferromagnetism in Interacting Few-Electron Dots with Strong Spin-Orbit Coupling. <i>Physical Review X</i> , 2014 , 4,	9.1	4
144	Transport Through a Coulomb Blockaded Majorana Nanowire. <i>NATO Science for Peace and Security Series B: Physics and Biophysics</i> , 2013 , 63-76	0.2	
143	Landau Levels and Edge States in Graphene with Strong Spin-Orbit Coupling. <i>NATO Science for Peace and Security Series B: Physics and Biophysics</i> , 2013 , 97-117	0.2	
142	Iterative path integral summation for nonequilibrium quantum transport. <i>Physica Status Solidi (B): Basic Research</i> , 2013 , 250, 2298-2314	1.3	18
141	Nonequilibrium Rashba field driven domain wall motion in ferromagnetic nanowires. <i>Physical Review B</i> , 2013 , 87,	3.3	9
140	Multiterminal Coulomb-Majorana junction. <i>Physical Review Letters</i> , 2013 , 110, 196401	7.4	69
139	Anomalous Josephson current, incipient time-reversal symmetry breaking, and Majorana bound states in interacting multilevel dots. <i>Physical Review B</i> , 2013 , 88,	3.3	52
138	Even-odd parity effects in Majorana junctions. <i>New Journal of Physics</i> , 2013 , 15, 035033	2.9	16
137	Bound States and Supercriticality in Graphene-Based Topological Insulators. <i>Crystals</i> , 2013 , 3, 14-27	2.3	6
136	On the Finite-Size Excitonic Instability in Interacting Graphene Quantum Dots. <i>NATO Science for Peace and Security Series B: Physics and Biophysics</i> , 2013 , 1-14	0.2	
135	Nonequilibrium Transport and Dephasing in Coulomb-Blockaded Quantum Dots. <i>Lecture Notes in Physics</i> , 2012 , 215-244	0.8	
134	Iterative summation of path integrals for nonequilibrium molecular quantum transport. <i>Physical Review B</i> , 2012 , 85,	3.3	63
133	Majorana single-charge transistor. <i>Physical Review Letters</i> , 2012 , 109, 166403	7.4	68
132	Current-induced forces in mesoscopic systems: A scattering-matrix approach. <i>Beilstein Journal of Nanotechnology</i> , 2012 , 3, 144-62	3	89
131	Electron-phonon scattering in topological insulator thin films. <i>Physical Review B</i> , 2012 , 85,	3.3	58

130	Supercurrent blockade in Josephson junctions with a Majorana wire. <i>Physical Review B</i> , 2012 , 85,	3-3	41
129	Emerging Dirac and Majorana fermions for carbon nanotubes with proximity-induced pairing and spiral magnetic field. <i>Physical Review B</i> , 2012 , 85,	3-3	25
128	Landau levels, edge states, and strained magnetic waveguides in graphene monolayers with enhanced spin-orbit interaction. <i>Physical Review B</i> , 2011 , 84,	3-3	23
127	Finite-size version of the excitonic instability in graphene quantum dots. <i>Physical Review B</i> , 2011 , 84,	3-3	16
126	Electron-phonon scattering in topological insulators. <i>Physical Review B</i> , 2011 , 83,	3-3	60
125	Coulomb blockade of Majorana-fermion-induced transport. <i>Physical Review B</i> , 2011 , 84,	3-3	69
124	Exact solution of the three-boson problem at vanishing energy. <i>Comptes Rendus Physique</i> , 2011 , 12, 27-38.	3-4	6
123	Signatures of Wigner molecule formation in interacting Dirac fermion quantum dots. <i>Physical Review B</i> , 2011 , 83,	3-3	13
122	Energy spectrum and broken spin-surface locking in topological insulator quantum dots. <i>Physical Review B</i> , 2011 , 83,	3-3	31
121	Scattering theory of current-induced forces in mesoscopic systems. <i>Physical Review Letters</i> , 2011 , 107, 036804	7-4	86
120	Features due to spin-orbit coupling in the optical conductivity of single-layer graphene. <i>Physical Review B</i> , 2010 , 81,	3-3	23
119	Transient fluctuation relations for time-dependent particle transport. <i>Physical Review B</i> , 2010 , 82,	3-3	29
118	Spin-orbit coupling and spectral function of interacting electrons in carbon nanotubes. <i>Physical Review B</i> , 2010 , 82,	3-3	14
117	Josephson effect for SU(4) carbon-nanotube quantum dots. <i>Physical Review B</i> , 2010 , 81,	3-3	17
116	Helical Luttinger liquid in topological insulator nanowires. <i>Physical Review Letters</i> , 2010 , 105, 136403	7-4	77
115	Fluctuation relations and rare realizations of transport observables. <i>Physical Review Letters</i> , 2010 , 105, 170601	7-4	12
114	Adiabatic polaron dynamics and Josephson effect in a superconducting molecular quantum dot. <i>Physical Review B</i> , 2010 , 81,	3-3	8
113	Multiparticle equations for interacting Dirac fermions in magnetically confined graphene quantum dots. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2010 , 43, 215202	2	12

112	On the spectrum of a magnetic quantum dot in graphene. <i>Semiconductor Science and Technology</i> , 2010 , 25, 034006	1.8	17
111	Comparative study of theoretical methods for non-equilibrium quantum transport. <i>New Journal of Physics</i> , 2010 , 12, 043042	2.9	99
110	Magnetic scattering of Dirac fermions in topological insulators and graphene. <i>Physical Review B</i> , 2010 , 82,	3.3	18
109	Phonon-phonon interactions and phonon damping in carbon nanotubes. <i>Physical Review B</i> , 2009 , 79,	3.3	24
108	Josephson-current-induced conformational switching of a molecular quantum dot. <i>Physical Review Letters</i> , 2009 , 102, 047002	7.4	17
107	Critical Josephson current through a bistable single-molecule junction. <i>Physical Review B</i> , 2009 , 79,	3.3	4
106	Nonequilibrium dephasing in Coulomb blockaded quantum dots. <i>Physical Review Letters</i> , 2009 , 102, 026805	3.3	12
105	Spin transport and bipolaron density in organic polymers. <i>Journal of Physics Condensed Matter</i> , 2009 , 21, 415302	1.8	1
104	Electron-electron interaction effects in quantum point contacts. <i>New Journal of Physics</i> , 2009 , 11, 023031	2.9	31
103	Anomalous Josephson current through a spin-orbit coupled quantum dot. <i>Physical Review Letters</i> , 2009 , 103, 147004	7.4	92
102	Artificial atoms in interacting graphene quantum dots. <i>Physical Review B</i> , 2009 , 80,	3.3	24
101	Low-energy theory and RKKY interaction for interacting quantum wires with Rashba spin-orbit coupling. <i>Physical Review B</i> , 2009 , 79,	3.3	39
100	Ultracold bosons in lattices with binary disorder. <i>Physical Review A</i> , 2008 , 77,	2.6	24
99	Vibration-induced correction to the current through a single molecule. <i>Physical Review B</i> , 2008 , 77,	3.3	79
98	Analytical solution of the bosonic three-body problem. <i>Physical Review Letters</i> , 2008 , 100, 140404	7.4	80
97	Conductance quantization and snake states in graphene magnetic waveguides. <i>Physical Review B</i> , 2008 , 77,	3.3	85
96	Superconducting nonequilibrium transport through a weakly interacting quantum dot. <i>Physical Review B</i> , 2008 , 77,	3.3	20
95	Tomonaga-Luttinger liquid parameters of magnetic waveguides in graphene. <i>Physical Review B</i> , 2008 , 78,	3.3	26

94	Interaction-induced harmonic frequency mixing in quantum dots. <i>Physical Review Letters</i> , 2008 , 101, 036806	2
93	Iterative real-time path integral approach to nonequilibrium quantum transport. <i>Physical Review B</i> , 2008 , 77,	3.3 172
92	Magnetic barriers and confinement of Dirac/Weyl quasiparticles in graphene. <i>Solid State Communications</i> , 2007 , 144, 547-550	1.6 55
91	Magnetic confinement of massless Dirac fermions in graphene. <i>Physical Review Letters</i> , 2007 , 98, 066802	7.4 373
90	Josephson current through a quantum dot with spin-orbit coupling. <i>Physical Review B</i> , 2007 , 75,	3.3 43
89	Current-induced nonadiabatic spin torques and domain-wall motion with spin relaxation in a ferromagnetic metallic wire. <i>Physical Review B</i> , 2007 , 76,	3.3 18
88	Monte Carlo Methods for Real-Time Path Integration. <i>Advances in Chemical Physics</i> , 2007 , 39-76	37
87	From Luttinger liquid to Altshuler-Aronov anomaly in multichannel quantum wires. <i>Physical Review B</i> , 2007 , 75,	3.3 16
86	Interaction correction to the conductivity of disordered multi-wall carbon nanotubes. <i>Semiconductor Science and Technology</i> , 2006 , 21, S46-S51	1.8 4
85	Nonlinear magnetotransport in interacting chiral nanotubes. <i>Physical Review Letters</i> , 2006 , 97, 076402	7.4 22
84	Tomonaga-Luttinger liquid and Coulomb blockade in multiwall carbon nanotubes under pressure. <i>Physical Review Letters</i> , 2006 , 97, 176401	7.4 21
83	Superconducting transport through a vibrating molecule. <i>Physical Review B</i> , 2006 , 73,	3.3 31
82	Charge qubit entanglement in double quantum dots. <i>Europhysics Letters</i> , 2006 , 76, 905-911	1.6 11
81	Transport through Intrinsic Quantum Dots in Interacting Carbon Nanotubes 2006 , 229-249	
80	Confinement-induced resonances for a two-component ultracold atom gas in arbitrary quasi-one-dimensional traps. <i>New Journal of Physics</i> , 2005 , 7, 192-192	2.9 45
79	Electronic transport in carbon nanotubes. <i>Les Houches Summer School Proceedings</i> , 2005 , 81, 583-584	
78	Correlated sequential tunneling through a double barrier for interacting one-dimensional electrons. <i>Physical Review B</i> , 2005 , 72,	3.3 11
77	Nanoscale atomic waveguides with suspended carbon nanotubes. <i>Applied Physics B: Lasers and Optics</i> , 2005 , 81, 1075-1080	1.9 11

76	Correlated sequential tunneling in Tomonaga-Luttinger liquid quantum dots. <i>Physica Status Solidi (B): Basic Research</i> , 2005 , 242, 218-225	1.3	
75	Rashba spin-orbit coupling and spin precession in carbon nanotubes. <i>Journal of Physics Condensed Matter</i> , 2005 , 17, 5523-5532	1.8	13
74	Siano and Egger Reply:. <i>Physical Review Letters</i> , 2005 , 94,	7.4	11
73	Three-body problem for ultracold atoms in quasi-one-dimensional traps. <i>Physical Review A</i> , 2005 , 71,	2.6	37
72	Exact results for one-dimensional disordered bosons with strong repulsion. <i>Physical Review Letters</i> , 2005 , 94, 060402	7.4	27
71	Four-body problem and BEC-BCS crossover in a quasi-one-dimensional cold fermion gas. <i>Physical Review Letters</i> , 2005 , 95, 080403	7.4	31
70	Path-integral Monte Carlo simulations for interacting few-electron quantum dots with spin-orbit coupling. <i>Physical Review B</i> , 2005 , 72,	3.3	27
69	Spin-orbit coupling and electron spin resonance for interacting electrons in carbon nanotubes. <i>Journal of Physics Condensed Matter</i> , 2004 , 16, S1437-S1452	1.8	10
68	Resonant tunneling in a Luttinger liquid for arbitrary barrier transmission. <i>Europhysics Letters</i> , 2004 , 66, 565-571	1.6	15
67	Evidence for Luttinger-liquid behavior in crossed metallic single-wall nanotubes. <i>Physical Review Letters</i> , 2004 , 92, 216804	7.4	113
66	Effective low-energy theory of superconductivity in carbon nanotube ropes. <i>Physical Review B</i> , 2004 , 70,	3.3	19
65	Atom-dimer scattering for confined ultracold fermion gases. <i>Physical Review Letters</i> , 2004 , 93, 170403	7.4	42
64	Superconductivity in ropes of carbon nanotubes. <i>Solid State Communications</i> , 2004 , 131, 615-623	1.6	17
63	Electron transfer rates for asymmetric reactions. <i>Chemical Physics</i> , 2004 , 296, 193-199	2.3	18
62	Josephson current through a nanoscale magnetic quantum dot. <i>Physical Review Letters</i> , 2004 , 93, 047002	7.4	110
61	Impurity effects in few-electron quantum dots: Incipient Wigner molecule regime. <i>Europhysics Letters</i> , 2003 , 64, 84-90	1.6	26
60	Transport theory of carbon nanotube Y junctions. <i>New Journal of Physics</i> , 2003 , 5, 117-117	2.9	23
59	Destruction of interference by many-body interactions in cold atomic Bose gases. <i>Physical Review A</i> , 2003 , 68,	2.6	26

58	Acoustic phonon exchange, attractive interactions, and the Wentzel-Bardeen singularity in single-wall nanotubes. <i>Physical Review B</i> , 2003 , 67,	3.3	65
57	Crossover from nonadiabatic to adiabatic electron transfer reactions: Multilevel blocking Monte Carlo simulations. <i>Journal of Chemical Physics</i> , 2003 , 118, 179-191	3.9	67
56	Multi-Terminal Carbon Nanotube Networks 2003 , 581-588		
55	Intrinsic Coulomb blockade in multi-wall carbon nanotubes. <i>Chemical Physics</i> , 2002 , 281, 447-454	2.3	13
54	Spin-orbit coupling and electron spin resonance theory for carbon nanotubes. <i>Physical Review Letters</i> , 2002 , 88, 206402	7.4	75
53	Landauer-type transport theory for interacting quantum wires: application to carbon nanotube y junctions. <i>Physical Review Letters</i> , 2002 , 89, 226404	7.4	56
52	van Hove singularities in disordered multichannel quantum wires and nanotubes. <i>Physical Review B</i> , 2002 , 66,	3.3	11
51	Coulomb drag shot noise in coupled Luttinger liquids. <i>Physical Review Letters</i> , 2002 , 88, 116401	7.4	29
50	MULTILEVEL BLOCKING MONTE CARLO SIMULATIONS FOR QUANTUM DOTS. <i>International Journal of Modern Physics B</i> , 2001 , 15, 1416-1425	1.1	2
49	ESR theory for interacting 1D quantum wires. <i>Europhysics Letters</i> , 2001 , 56, 570-575	1.6	18
48	Spin-dependent transport in a Luttinger liquid. <i>Physical Review B</i> , 2001 , 64,	3.3	44
47	Bulk and boundary zero-bias anomaly in multiwall carbon nanotubes. <i>Physical Review Letters</i> , 2001 , 87, 066401	7.4	72
46	Transport and Coulomb drag for two interacting carbon nanotubes. <i>European Physical Journal B</i> , 2001 , 19, 271-280	1.2	18
45	Luttinger Liquid Behavior in Metallic Carbon Nanotubes. <i>Lecture Notes in Physics</i> , 2001 , 125-146	0.8	7
44	Static and dynamic image potential for tunneling into a Luttinger liquid. <i>Solid State Communications</i> , 2000 , 117, 93-97	1.6	3
43	Transport and Coulomb blockade in carbon nanotubes. <i>Physica B: Condensed Matter</i> , 2000 , 284-288, 1748-8749		
42	Crossover from Fermi liquid to Wigner molecule behaviour in parabolic quantum dots. <i>Physica B: Condensed Matter</i> , 2000 , 284-288, 1772-1773	2.8	5
41	Luttinger liquid behavior in carbon nanotubes 2000 , 219-231		1

40	Path-integral Monte Carlo simulations without the sign problem: multilevel blocking approach for effective actions. <i>Physical Review E</i> , 2000 , 61, 5961-6	2.4	57
39	Spin transport in interacting quantum wires and carbon nanotubes. <i>Physical Review Letters</i> , 2000 , 85, 3464-7	7.4	63
38	Current bistability and hysteresis in strongly correlated quantum wires. <i>Physical Review Letters</i> , 2000 , 84, 3682-5	7.4	18
37	Electron-electron interaction effects in single-wall carbon nanotubes 1999 , 411-424		
36	Crossover from Fermi Liquid to Wigner Molecule Behavior in Quantum Dots. <i>Physical Review Letters</i> , 1999 , 82, 3320-3323	7.4	197
35	Coherent nuclear motion in a condensed-phase environment: Wave-packet approach and pump-probe spectroscopy. <i>Journal of Chemical Physics</i> , 1999 , 110, 5851-5860	3.9	6
34	A multilevel blocking approach to the sign problem in real-time quantum Monte Carlo simulations. <i>Journal of Chemical Physics</i> , 1999 , 110, 12-14	3.9	53
33	Effect of irrelevant boundary scaling operators. <i>Physical Review B</i> , 1999 , 60, R5113-R5116	3.3	6
32	Luttinger Liquid Behavior in Multiwall Carbon Nanotubes. <i>Physical Review Letters</i> , 1999 , 83, 5547-5550	7.4	145
31	Correlated transport and non-Fermi-liquid behavior in single-wall carbon nanotubes. <i>European Physical Journal B</i> , 1998 , 3, 281-300	1.2	170
30	Applying voltage sources to a Luttinger liquid with arbitrary transmission. <i>Physical Review B</i> , 1998 , 58, 10761-10768	3.3	48
29	Scaling and criticality of the Kondo effect in a Luttinger liquid. <i>Physical Review B</i> , 1998 , 57, 10620-10629	3.3	20
28	Nonequilibrium Transport for Crossed Luttinger Liquids. <i>Physical Review Letters</i> , 1998 , 80, 2881-2884	7.4	36
27	Multilevel Blocking Approach to the Fermion Sign Problem in Path-Integral Monte Carlo Simulations. <i>Physical Review Letters</i> , 1998 , 81, 4533-4536	7.4	53
26	Coulomb charging energy for arbitrary tunneling strength. <i>Europhysics Letters</i> , 1997 , 38, 545-550	1.6	33
25	Crossover from coherent to incoherent dynamics in damped quantum systems. <i>Physical Review E</i> , 1997 , 55, R3809-R3812	2.4	44
24	Electroneutrality and the Friedel Sum Rule in a Luttinger Liquid. <i>Physical Review Letters</i> , 1997 , 79, 3463-3466	7.4	38
23	Exact Fermi-edge singularity exponent in a Luttinger liquid. <i>Physical Review B</i> , 1997 , 56, 1153-1160	3.3	17

22	Two-impurity Kondo problem for correlated electrons. <i>Physical Review B</i> , 1997 , 55, R8646-R8649	3.3	18
21	Charging effects in quantum wires. <i>Physical Review B</i> , 1997 , 55, 9929-9934	3.3	17
20	Effective Low-Energy Theory for Correlated Carbon Nanotubes. <i>Physical Review Letters</i> , 1997 , 79, 5082-5085	4.8	438
19	Is the direct observation of electronic coherence in electron transfer reactions possible?. <i>Journal of Chemical Physics</i> , 1997 , 107, 8397-8408	3.9	67
18	Correlated transport in carbon nanotubes. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 1997 , 1, 313-316	3	
17	RKKY interaction for strongly correlated electrons. <i>European Physical Journal D</i> , 1996 , 46, 1909-1910		13
16	Voltage-biased quantum wire with impurities. <i>European Physical Journal D</i> , 1996 , 46, 2385-2386		
15	Coulomb charging at large conduction. <i>European Physical Journal D</i> , 1996 , 46, 2387-2388		1
14	Voltage-Biased Quantum Wire with Impurities. <i>Physical Review Letters</i> , 1996 , 77, 538-541	7.4	52
13	RKKY interaction and Kondo screening cloud for strongly correlated electrons. <i>Physical Review B</i> , 1996 , 54, 16337-16340	3.3	26
12	Friedel Oscillations in Luttinger Liquids 1996 , 133-158		
11	Friedel oscillations for interacting fermions in one dimension. <i>Physical Review Letters</i> , 1995 , 75, 3505-3508	7.4	131
10	Dynamical simulation of transport in one-dimensional quantum wires. <i>Physical Review Letters</i> , 1995 , 75, 3344-3347	7.4	20
9	Low-temperature nonequilibrium transport in a Luttinger liquid. <i>Physical Review B</i> , 1995 , 52, 16707-16719	5.3	30
8	On the mechanism of the primary charge separation in bacterial photosynthesis. <i>Chemical Physics Letters</i> , 1995 , 238, 149-155	2.5	14
7	Dissipative Three-State System and the Primary Electron Transfer in the Bacterial Photosynthetic Reaction Center. <i>The Journal of Physical Chemistry</i> , 1994 , 98, 9903-9918		64
6	Rate concept and retarded master equations for dissipative tight-binding models. <i>Physical Review E</i> , 1994 , 50, R655-R658	2.4	35
5	Quantum Monte Carlo study of tunneling diffusion in a dissipative multistate system. <i>Physical Review E</i> , 1994 , 49, 1997-2008	2.4	23

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