Yuval Gefen

List of Publications by Year
in descending order

193 papers	9,154 citations	61984 43 h-index	42399 92 g-index
193 all docs	193 docs citations	193 times ranked	3773 citing authors

#	Article	IF	Citations
1	Anomalous Diffusion on Percolating Clusters. Physical Review Letters, 1983, 50, 77-80.	7.8	985
2	Persistent currents in small one-dimensional metal rings. Physical Review B, 1988, 37, 6050-6062.	3.2	569
3	Quasiparticle Lifetime in a Finite System: A Nonperturbative Approach. Physical Review Letters, 1997, 78, 2803-2806.	7.8	509
4	Quantum Oscillations and the Aharonov-Bohm Effect for Parallel Resistors. Physical Review Letters, 1984, 52, 129-132.	7.8	411
5	Critical Phenomena on Fractal Lattices. Physical Review Letters, 1980, 45, 855-858.	7.8	408
6	Solvable Fractal Family, and Its Possible Relation to the Backbone at Percolation. Physical Review Letters, 1981, 47, 1771-1774.	7.8	364
7	Sociophysics: A new approach of sociological collective behaviour. I. meanâ€behaviour description of a strike. Journal of Mathematical Sociology, 1982, 9, 1-13.	1.2	332
8	Persistent Currents in Mesoscopic Rings and Cylinders. Physical Review Letters, 1989, 62, 587-590.	7.8	289
9	Geometric Implementation of Hypercubic Lattices with Noninteger Dimensionality by Use of Low Lacunarity Fractal Lattices. Physical Review Letters, 1983, 50, 145-148.	7.8	227
10	Universal effects of spin-orbit scattering in mesoscopic systems. Physical Review Letters, 1989, 63, 798-800.	7.8	175
11	Geometric phase from Aharonovâ€“Bohm to Pancharatnamâ€“Berry andÂbeyond. Nature Reviews Physics, 2019, 1, 437-449.	26.6	167
12	Dynamic Scaling near the Percolation Threshold in Thin Au Films. Physical Review Letters, 1984, 53, 380-383.	7.8	165
13	New quantum oscillations in current driven small junctions. Physics Letters, Section A: General, Atomic and Solid State Physics, 1985, 108, 289-292.	2.1	146
14	Nonlinear Behavior near the Percolation Metal-Insulator Transition. Physical Review Letters, 1986, 57, 3097-3100.	7.8	131
15	Isolated rings of mesoscopic dimensions. Quantum coherence and persistent currents. IBM Journal of Research and Development, 1988, 32, 359-371.	3.1	131
16	Aharonov-Bohm interferometry with interacting quantum dots: Spin configurations, asymmetric interference patterns, bias-voltage-induced Aharonov-Bohm oscillations, and symmetries of transport coefficients. Physical Review B, 2002, 65, .	3.2	127
17	Resistance of helical edges formed in a semiconductor heterostructure. Physical Review B, 2014, 90, .	3.2	111
18	Onset of dissipation in Zener dynamics: Relaxation versus dephasing. Annals of Physics, 1991, 210, 16-80.	2.8	107

#	Article	IF	Citations
19	Geometric Nature of the Environment-Induced Berry Phase and Geometric Dephasing. Physical Review Letters, 2005, 94, 070407.	7.8	105
20	Time of Zener tunneling. Physical Review Letters, 1989, 62, 2543-2546.	7.8	103
21	Berry Phase in a Nonisolated System. Physical Review Letters, 2003, 90, 190402.	7.8	102
22	Coherence and Partial Coherence in Interacting Electron Systems. Physical Review Letters, 2001, 86, 3855-3858.	7.8	99
23	Electronic Mach-Zehnder interferometer as a tool to probe fractional statistics. Physical Review B, 2006, 74, .	3.2	88
24	Dielectric anomalies near the Anderson metal-insulator transition. Physical Review B, 1982, 26, 3436-3439.	3.2	87
25	Bosonization of one-dimensional fermions out of equilibrium. Physical Review B, 2010, 81, .	3.2	87
26	Zener transitions in dissipative driven systems. Physical Review B, 1987, 36, 2770-2782.	3.2	80
27	Signs of quantum dotâ€“lead matrix elements: The effect on transport versus spectral properties. Physical Review B, 2002, 66, .	3.2	76
28	Decoherence and interactions in an electronic Mach-Zehnder interferometer. Physical Review B, 2007, 76, .	3.2	74
29	Electron scattering through a quantum dot: A phase lapse mechanism. Physical Review B, 1997, 55, 13726-13729.	3.2	67
30	Shot noise in an anyonic Mach-Zehnder interferometer. Physical Review B, 2007, 76, .	3.2	63
31	Charge Sensing Amplification via Weak Values Measurement. Physical Review Letters, 2011, 106, 080405.	7.8	63
32	Edge Reconstruction in the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î½</mml:mi><mml:mo mathvariant="bold">=</mml:mo><mml:mn>2</mml:mn><mml:mo>/</mml:mo><mml:mn>3</mml:mn></mml:math>Fractional Quantum Hall State. Physical Review Letters, 2013, 111, 246803.	7.8	62
33	Edge reconstruction in fractional quantum HallÂstates. Nature Physics, 2017, 13, 491-496.	16.7	59
34	Transmission through quantum dots: Focus on phase lapses. Physical Review B, 2006, 74, .	3.2	55
35	Weak Values of Electron Spin in a Double Quantum Dot. Physical Review Letters, 2008, 100, 056801.	7.8	54
36	Nonequilibrium Luttinger Liquid: Zero-Bias Anomaly and Dephasing. Physical Review Letters, 2008, 101, 126802.	7.8	52

#	Article	IF	Citations
37	Spontaneous Breakdown of Topological Protection in Two Dimensions. Physical Review Letters, 2017, 118, 046801.	7.8	52
38	Analytic method for calculating properties of random walks on networks. Physical Review A, 1986, 33, 2583-2594.	2.5	51
39	Backscattering off a point impurity: Current enhancement and conductance greater thane2/hper channel. Physical Review B, 2003, 67, .	3.2	48
40	Magnetic-field and spin-orbit interaction in restricted geometries: Solvable models. Physical Review B, 1990, 42, 8351-8360.	3.2	46
41	Zero-bias anomaly in finite-size systems. Physical Review B, 1996, 54, 5428-5437.	3.2	46
42	Quantum oscillations in small rings at low temperatures. Surface Science, 1984, 142, 203-207.	1.9	44
43	Transport in a disordered <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="mml105" display="inline" overflow="scroll" altimg="si1.gif"><mml:mi>Î½</mml:mi><mml:mo>=</mml:mo><mml:mn>2</mml:mn><mml:mo>â^•</mml:mo><mml:mn>3</mml:mn></mml:m fractional quantum Hall junction. Annals of Physics, 2017, 385, 287-327.	2.8	44
44	Measurement-induced steering of quantum systems. Physical Review Research, 2020, 2, .	3.6	43
45	Nonmonotonic charge occupation in double dots. Physical Review B, 2005, 71, .	3.2	41
46	Hanbury Brownâ€“Twiss Interference of Anyons. Physical Review Letters, 2012, 109, 106802.	7.8	41
47	Tunneling spectroscopy of Luttinger-liquid structures far from equilibrium. Physical Review B, 2009, 80, .	3.2	40
48	Fractional topological insulators: From sliding Luttinger liquids to Chern-Simons theory. Physical Review B, 2015, 91, .	3.2	38
49	An Approximate Sign Sum Rule for the Transmission Amplitude through a Quantum Dot. Physical Review Letters, 1999, 83, 5094-5097.	7.8	37
50	Full Counting Statistics of a Luttinger Liquid Conductor. Physical Review Letters, 2010, 105, 256802.	7.8	37
51	Non-equilibrium 1D many-body problems and asymptotic properties of Toeplitz determinants. Journal of Physics A: Mathematical and Theoretical, 2011, 44, 165003.	2.1	37
52	Incoherent transport on the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Î½</mml:mi><mml:mo>=</mml:mo><mml:mn>2 quantum Hall edge. Physical Review B, 2018, 98, .	3.2	36
53	Synthesizing a Î½=2/3 fractional quantum Hall effect edge state from counter-propagating Î½=1 and Î½=1/3 states. Nature Communications, 2019, 10, 1920.	12.8	36
54	Tomography of Many-Body Weak Values: Mach-Zehnder Interferometry. Physical Review Letters, 2008, 101, 226802.	7.8	35

#	Article	IF	Citations
55	Persistent Currents in Mesoscopic Normal Metal Rings. Physica Scripta, 1989, T25, 357-361.	2.5	34
56	Magnetic correlations on fractals. Journal of Statistical Physics, 1984, 36, 795-805.	1.2	33
57	Addition spectrum and Koopmansâ€™ theorem for disordered quantum dots. Physical Review B, 1999, 60, 2541-2553.	3.2	33
58	Bosonization out of equilibrium. Europhysics Letters, 2010, 90, 37003.	2.0	33
59	Static versus adiabatic response of mesoscopic systems: The role of the statistical ensemble. Physical Review Letters, 1993, 70, 1976-1979.	7.8	32
60	Spectral statistics of nondiffusive disordered electron systems: A comprehensive approach. Physical Review B, 1995, 51, 10671-10690.	3.2	32
61	Anderson orthogonality catastrophe in disordered systems. Physical Review B, 2002, 65, .	3.2	32
62	Spectral statistics in nondiffusive regimes. Physical Review Letters, 1993, 71, 3339-3342.	7.8	31
63	Density Modulations and Addition Spectra of Interacting Electrons in Disordered Quantum Dots. Physical Review Letters, 1999, 82, 5329-5332.	7.8	31
64	The dynamics of mesoscopic normal tunnel junctions. Physica B: Condensed Matter, 1988, 152, 172-185.	2.7	29
65	Detection of fractional charge and quenching of the quantum Hall effect. Physical Review B, 1993, 47, 10423-10436.	3.2	27
66	What is the Thouless Energy for Ballistic Systems?. Physical Review Letters, 1996, 76, 1130-1133.	7.8	27
67	Anderson orthogonality in the dynamics after a local quantum quench. Physical Review B, 2012, 85, .	3.2	27
68	Topological Classification of Shot Noise on Fractional Quantum Hall Edges. Physical Review Letters, 2019, 123, 137701.	7.8	27
69	Vanishing Thermal Equilibration for Hole-Conjugate Fractional Quantum Hall States in Graphene. Physical Review Letters, 2021, 126, 216803.	7.8	26
70	Effects of spin-orbit scattering in mesoscopic rings: Canonical- versus grand-canonical-ensemble averaging. Physical Review B, 1992, 45, 11890-11895.	3.2	25
71	Controlled Dephasing of an Electron Interferometer with a Path Detector at Equilibrium. Physical Review Letters, 2012, 109, 250401.	7.8	25
72	Noise on complex quantum Hall edges: Chiral anomaly and heat diffusion. Physical Review B, 2019, 99, .	3.2	25

#	Article	IF	Citations
73	Theory of Charge Sensing in Quantum-Dot Structures. Physical Review Letters, 2005, 94, 076802.	7.8	24
74	Population Switching and Charge Sensing in Quantum Dots: A Case for a Quantum Phase Transition. Physical Review Letters, 2010, 104, 226805.	7.8	23
75	Observation of interaction-induced modulations of a quantum Hall liquidâ€™s area. Nature Communications, 2016, 7, 12184.	12.8	23
76	Self-consistent scaling theory of the metal-insulator transition in disordered systems. Physical Review B, 1983, 28, 3569-3572.	3.2	22
77	Transmission phase of quantum dots: Testing the role of population switching. Physical Review B, 2009, 79, .	3.2	22
78	Topological transition in measurement-induced geometric phases. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 5706-5713.	7.1	22
79	Mesoscopic rings driven by time-dependent magnetic flux: Level correlations and localization in energy space. Physical Review B, 1990, 41, 4441-4455.	3.2	21
80	Kinetic theory of fluctuations in conducting systems. Physical Review B, 2005, 71, .	3.2	21
81	Cold bosons in the Landauer setup. Physical Review B, 2012, 85, .	3.2	21
82	Null Values and Quantum State DiscrÃ¬mination. Physical Review Letters, 2013, 110, 170405.	7.8	21
83	Suppression of Interference in Quantum Hall Mach-Zehnder Geometry by Upstream Neutral Modes. Physical Review Letters, 2016, 117, 276804.	7.8	21
84	Noise on the non-Abelian <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î½</mml:mi><mml:mo>=</mml:mo><mml:mn>5</mml:mn><mml:mo stretchy="false">/</mml:mo><mml:mn>2</mml:mn></mml:math> Fractional Quantum Hall Edge. Physical Review Letters, 2020, 125, 157702.	7.8	21
85	(ALMOST) EVERYTHING YOU ALWAYS WANTED TO KNOW ABOUT THE CONDUCTANCE OF MESOSCOPIC SYSTEMS. International Journal of Modern Physics B, 1995, 09, 751-802.	2.0	20
86	Level Statistics of Quantum Dots Coupled to Reservoirs. Physical Review Letters, 1998, 81, 4468-4471.	7.8	20
87	Topological vacuum bubbles by anyon braiding. Nature Communications, 2016, 7, 11131.	12.8	20
88	Interaction effects in disordered conductors near the metalâ€“insulator transition. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 1984, 50, 203-220.	0.6	19
89	Weak measurement of cotunneling time. Physical Review B, 2014, 90, .	3.2	19
90	Interplay of Spin and Charge Channels in Zero-Dimensional Systems. Physical Review Letters, 2006, 96, 066805.	7.8	18

#	Article	IF	Citations
91	Geometric Quantum Noise of Spin. Physical Review Letters, 2015, 114, 176806.	7.8	18
92	Fractional edge reconstruction in integer quantum Hall phases. Physical Review B, 2021, 103, .	3.2	18
93	Onset of Ohmic resistance in submicron systems. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 1987, 56, 1005-1007.	0.6	17
94	Generalized quantum measurements with matrix product states: Entanglement phase transition and clusterization. Physical Review Research, 2022, 4, .	3.6	17
95	Magnetic Response of Disordered Ballistic Quantum Dots. Physical Review Letters, 1994, 73, 154-157.	7.8	16
96	Measurement of geometric dephasing using a superconducting qubit. Nature Communications, 2015, 6, 8757.	12.8	16
97	Driven Dissipative Majorana Dark Spaces. Physical Review Letters, 2020, 125, 147701.	7.8	16
98	Transmission phase lapses in quantum dots: the role of dotâ€“lead coupling asymmetry. New Journal of Physics, 2007, 9, 120-120.	2.9	15
99	Exact solution for spin and charge correlations in quantum dots: Effect of level fluctuations and Zeeman splitting. Physical Review B, 2012, 85, .	3.2	15
100	Emulating Majorana fermions and their braiding by Ising spin chains. Physical Review B, 2017, 96, .	3.2	15
101	Observation of ballistic upstream modes at fractional quantum Hall edges of graphene. Nature Communications, 2022, 13, 213.	12.8	15
102	Effect of inelastic processes on localization in one dimension. Physical Review B, 1984, 30, 7323-7325.	3.2	14
103	Orthogonality catastrophe in parametric random matrices. Physical Review B, 2002, 65, .	3.2	14
104	Mesoscopic Stoner Instability in Metallic Nanoparticles Revealed by Shot Noise. Physical Review Letters, 2012, 108, 166603.	7.8	13
105	Hanbury Brown and Twiss correlations in quantum Hall systems. Physical Review B, 2013, 88, .	3.2	13
106	Topological dephasing in the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Î½</mml:mi><mml:mo>=</mml:mo><mml:mn>1</mml:mn><mml:mo>/</mml:mo><mml:mn>2</mml:mn></mml:mrow></mml:math>quantum Hall regime. Physical Review B, 2015, 92, .	3.2	13
107	Measurement and control of a Coulomb-blockaded parafermion box. Physical Review B, 2018, 97, .	3.2	13
108	Non-Abelian Geometric Dephasing. Physical Review Letters, 2019, 123, 060405.	7.8	13

#	Article	IF	Citations
109	Conductance plateaus and shot noise in fractional quantum Hall point contacts. Physical Review B, 2020, 101, .	3.2	13
110	Optimized steering: Quantum state engineering and exceptional points. Physical Review A, 2022, 105, .	2.5	13
111	Relation between the classical resistance of inhomogeneous networks and diffusion. Physical Review B, 1987, 35, 8639-8645.	3.2	12
112	Noise spectrum and the fluctuation-dissipation theorem in mesoscopic rings. Annals of Physics, 1991, 206, 68-89.	2.8	12
113	Entanglement entropy and quantum phase transitions in quantum dots coupled to Luttinger liquid wires. Physical Review B, 2011, 83, .	3.2	12
114	Strong nonequilibrium effects in spin-torque systems. Physical Review B, 2017, 95, .	3.2	12
115	Parafermionic generalization of the topological Kondo effect. Physical Review B, 2018, 97, .	3.2	12
116	Towards dark space stabilization and manipulation in driven dissipative Majorana platforms. Physical Review B, 2020, 102, .	3.2	12
117	Energy localization in mesoscopic systems: Rings versus cylinders. Physical Review Letters, 1991, 67, 3582-3585.	7.8	11
118	Î¦0-periodic Aharonov-Bohm oscillations and ensemble averaging. Physical Review B, 1994, 49, 14474-14477.	3.2	11
119	Nonequilibrium Zero-Bias Anomaly in Disordered Metals. Physical Review Letters, 2008, 100, 086801.	7.8	11
120	Weak values are quantum: you can bet on it. Quantum Studies: Mathematics and Foundations, 2016, 3, 1-4.	0.9	11
121	Non-Abelian Berry phase for open quantum systems: Topological protection versus geometric dephasing. Physical Review B, 2019, 100, .	3.2	11
122	Contacts, equilibration, and interactions in fractional quantum Hall edge transport. Physical Review B, 2021, 104, .	3.2	11
123	Fractal eigendimensionalities for percolation clusters. Physical Review B, 1985, 31, 4721-4724.	3.2	10
124	Charging corrections to the Josephson Hamiltonian. Physical Review B, 1989, 40, 2158-2162.	3.2	10
125	Dephasing by a Zero-Temperature Detector and the Friedel Sum Rule. Physical Review Letters, 2012, 108, 256805.	7.8	10
126	Incoherent Scatterer in a Luttinger Liquid: A New Paradigmatic Limit. Physical Review Letters, 2012, 108, 136401.	7.8	10

#	Article	IF	Citations
127	Spin Mode Switching at the Edge of a Quantum Hall System. Physical Review Letters, 2017, 119, 186804.	7.8	10
128	Ubiquitous Nonlocal Entanglement with Majorana Zero Modes. Physical Review Letters, 2017, 119, 157702.	7.8	10
129	How to observe and quantify quantum-discord states via correlations. Physical Review A, 2019, 100, .	2.5	10
130	Unrestricted Electron Bunching at the Helical Edge. Physical Review Letters, 2019, 123, 056803.	7.8	10
131	Weak-Measurement-Induced Asymmetric Dephasing: Manifestation of Intrinsic Measurement Chirality. Physical Review Letters, 2021, 127, 170401.	7.8	10
132	A quantum dot close to Stoner instability: The role of the Berry phase. Annals of Physics, 2012, 327, 2543-2559.	2.8	9
133	Coulomb Blockade with Neutral Modes. Physical Review Letters, 2015, 114, 156401.	7.8	9
134	Engineering two-qubit mixed states with weak measurements. Physical Review Research, 2020, 2, .	3.6	9
135	Zener dynamics beyond Zener's assumptions. Physica A: Statistical Mechanics and Its Applications, 1990, 168, 456-468.	2.6	8
136	Energy and current correlations in mesoscopic rings and quantum dots. Physical Review B, 1992, 46, 15922-15929.	3.2	8
137	Interplay of charge and spin in quantum dots: The Ising case. Physical Review B, 2011, 84, .	3.2	8
138	A possible route towards dissipation-protected qubits using a multidimensional dark space and its symmetries. Nature Communications, 2020, 11, 5899.	12.8	8
139	Observing a topological transition in weak-measurement-induced geometric phases. Physical Review Research, 2022, 4, .	3.6	8
140	Ultra-small-capacitance Josephson junction: Inductive coupling to a voltage source. Physical Review B, 1989, 40, 2147-2157.	3.2	7
141	Statistical properties of the first excited state of an interacting many-particle disordered system. Physical Review B, 2003, 68, .	3.2	7
142	Towards a Dephasing Diode: Asymmetric and Geometric Dephasing. Physical Review Letters, 2008, 100, 126806.	7.8	6
143	Null weak values in multi-level systems. Physica Scripta, 2012, T151, 014014.	2.5	6
144	Intermediate fixed point in a Luttinger liquid with elastic and dissipative backscattering. Physical Review B, 2015, 92, .	3.2	6

#	Article	IF	Citations
145	Engineering statistical transmutation of identical quantum particles. Physical Review B, 2019, 99, .	3.2	6
146	Emergence of spin-active channels at a quantum Hall interface. Physical Review B, 2021, 103, .	3.2	6
147	Current noise geometrically generated by a driven magnet. Physical Review Research, 2020, 2, .	3.6	6
148	Weak-measurement-induced phases and dephasing: Broken symmetry of the geometric phase. Physical Review Research, 2021, 3, .	3.6	6
149	Partial dimensional sequences and percolation. Journal of Statistical Physics, 1984, 36, 827-830.	1.2	5
150	Dynamics and scaling properties of localization in energy space in two-dimensional mesoscopic systems. Physical Review B, 1992, 46, 7691-7706.	3.2	5
151	Statistical ensembles and spectral correlations in mesoscopic systems. Chaos, Solitons and Fractals, 1997, 8, 1229-1247.	5.1	5
152	Phase correlations in transmission through a cavity. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 1998, 77, 1123-1133.	0.6	5
153	Correlations in the cotunneling regime of a quantum dot. Physical Review B, 2000, 61, 10247-10254.	3.2	5
154	Probing theÎ½=23fractional quantum Hall edge by momentum-resolved tunneling. Physical Review B, 2014, 90, .	3.2	5
155	Near-unit efficiency of chiral state conversion via hybrid-Liouvillian dynamics. Physical Review A, 2021, 104, .	2.5	5
156	Parafermions in a multilegged geometry: Towards a scalable parafermionic network. Physical Review B, 2022, 105, .	3.2	5
157	Quasiparticle Tunneling through a Barrier in the Fractional Quantum Hall Regime. Physical Review Letters, 2005, 95, 136803.	7.8	4
158	Comment on â€œDo Intradot Electron-Electron Interactions Induce Dephasing?â€• Physical Review Letters, 2005, 94, 179701; author reply 179702.	7.8	4
159	Weak values under uncertain conditions. Physica E: Low-Dimensional Systems and Nanostructures, 2010, 42, 343-347.	2.7	4
160	Many-body manifestation of interaction-free measurement: The Elitzur-Vaidman bomb. Physical Review B, 2016, 93, .	3.2	4
161	Interaction-induced charge transfer in a mesoscopic electron spectrometer. Physical Review B, 2019, 100, .	3.2	4
162	Thermally driven spin transfer torque system far from equilibrium: Enhancement of thermoelectric current via pumping current. Physical Review B, 2019, 99, .	3.2	4

#	Article	IF	Citations
163	Superconducting Correlations Out of Repulsive Interactions on a Fractional Quantum Hall Edge. Physical Review Letters, 2019, 122, 236802.	7.8	4
164	Detection of Quantum Interference without an Interference Pattern. Physical Review Letters, 2020, 125, 020405.	7.8	4
165	Symmetry-related transport on a fractional quantum Hall edge. Physical Review Research, 2021, 3, .	3.6	4
166	Berry Phase with Environment: Classical versus Quantum. , 2006, , 9-23.		4
167	Multi-particle interferometry in the time-energy domain with localized topological quasiparticles. Physical Review Research, 2020, 2, .	3.6	4
168	Magnetization of disordered ballistic quantum billards. Annalen Der Physik, 1994, 506, 467-482.	2.4	3
169	Differences between statistical mechanics and thermodynamics on the mesoscopic scale. Physical Review B, 1997, 56, 1025-1028.	3.2	3
170	Transmission Phase Lapses through a Quantum Dot in a Strong Magnetic Field. Physical Review Letters, 2014, 112, 246801.	7.8	3
171	Universal Quantum Noise in Adiabatic Pumping. Physical Review Letters, 2018, 120, 226802.	7.8	3
172	Inflationary character of Penrose tilings. Journal De Physique, 1988, 49, 1111-1118.	1.8	3
173	Statistics of energy dissipation in a quantum dot operating in the cotunneling regime. Physical Review B, 2014, 90, .	3.2	2
174	How to extract weak values from a mesoscopic electronic system. Quantum Studies: Mathematics and Foundations, 2016, 3, 265-277.	0.9	2
175	Crossover between strong and weak measurement in interacting many-body systems. New Journal of Physics, 2016, 18, 013016.	2.9	2
176	Quantum Interferometry with Electrons: Outstanding Challenges. , 2002, , 13-41.		2
177	NONLINEAR RESPONSE AND METASTABILITY OF COULOMB SYSTEMS NEAR THE PERCOLATION THRESHOLD. , 1984, , 161-164.		2
178	Coherent voltage oscillations in small normal tunnel junctions and the crossover to the incoherent regime. IBM Journal of Research and Development, 1988, 32, 103-106.	3.1	1
179	The buikding blocks of random walks. Physica D: Nonlinear Phenomena, 1989, 38, 119-127.	2.8	1
180	Transverse spin fluctuations in metallic quantum dots. Physica B: Condensed Matter, 2006, 378-380, 947-948.	2.7	1

#	Article	IF	Citations
181	Suppression of visibility in a two-electron Mach-Zehnder interferometer. Physical Review B, 2007, 76, .	3.2	1
182	Reply to â€œComment on â€˜How to observe and quantify quantum-discord states via correlationsâ€™â€‰â€¢ Physical Review A, 2020, 102, .	2.5	1
183	Standard and Null Weak Values. , 2014, , 377-387.		1
184	Edge Reconstruction of a Time-Reversal Invariant Insulator: Compressible-Incompressible Stripes. Physical Review Letters, 2022, 128, 186801.	7.8	1
185	Edge reconstruction and emergent neutral modes in integer and fractional quantum Hall phases. Low Temperature Physics, 2022, 48, 420-427.	0.6	1
186	Shot-noise-generated 1/ffluctuations in one-dimensional systems. Physical Review A, 1988, 37, 601-607.	2.5	0
187	Berry phase in the presence of external noise. AIP Conference Proceedings, 2005, , .	0.4	0
188	Suppression of dephasing and phase lapses in the fractional quantum Hall regime. Physical Review B, 2014, 89, .	3.2	0
189	Spin-Orbit Effects in Disordered Systems. NATO ASI Series Series B: Physics, 1991, , 91-97.	0.2	0
190	Magnetic Properties Near Percolation. , 1991, , 301-306.		0
191	On the Role of the Statistical Ensemble in the Dynamics and Thermodynamics of Finite Disordered Systems. , 1995, , 81-92.		0
192	Superconductivity of neutral modes in quantum Hall edges. Physical Review B, 2022, 105, .	3.2	0
193	dc electrical current generated by upstream neutral modes. Physical Review B, 2022, 105, .	3.2	0