Carlo Beenakker

List of Publications by Year
in descending order

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365	36,148	4370 86	3476 182
papers	citations	h-index	g-index

370	370	370	13530
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Bloch oscillations in the magnetoconductance of twisted bilayer graphene. Physical Review B, 2022, 105, .	1.1	4
2	Reflectionless Klein tunneling of Dirac fermions: comparison of split-operator and staggered-lattice discretization of the Dirac equation. Journal of Physics Condensed Matter, 2022, 34, 364003.	0.7	2
3	Voltage staircase in a current-biased quantum-dot Josephson junction. Physical Review B, 2021, 103, .	1.1	7
4	Deconfinement of Majorana Vortex Modes Produces a Superconducting Landau Level. Physical Review Letters, 2021, 126, 226801.	2.9	3
5	Chiral charge transfer along magnetic field lines in a Weyl superconductor. Physical Review B, 2021, 104, .	1.1	0
6	Generalized eigenproblem without fermion doubling for Dirac fermions on a lattice. SciPost Physics, 2021, 11, .	1.5	6
7	Half-integer charge injection by a Josephson junction without excess noise. Physical Review B, 2020, 102, .	1.1	9
8	Universal chiral magnetic effect in the vortex lattice of a Weyl superconductor. Annals of Physics, 2020, 417, 168103.	1.0	4
9	Dynamical Signatures of Groundâ€State Degeneracy to Discriminate against Andreev Levels in a Majorana Fusion Experiment. Advanced Quantum Technologies, 2020, 3, 1900110.	1.8	4
10	Localization landscape for Dirac fermions. Physical Review B, 2020, 101, .	1.1	11
11	Time-resolved electrical detection of chiral edge vortex braiding. SciPost Physics, 2020, 8, .	1.5	11
12	Shot noise distinguishes Majorana fermions from vortices injected in the edge mode of a chiral p-wave superconductor. SciPost Physics, 2020, 9, .	1.5	5
13	Magnetic breakdown spectrum of a Kramersâ€“Weyl semimetal. New Journal of Physics, 2020, 22, 093022.	1.2	3
14	Effect of charge renormalization on the electric and thermoelectric transport along the vortex lattice of a Weyl superconductor. Physical Review B, 2019, 100, .	1.1	3
15	Pfaffian Formula for Fermion Parity Fluctuations in a Superconductor and Application to Majorana Fusion Detection. Annalen Der Physik, 2019, 531, 1900129.	0.9	4
16	Deterministic Creation and Braiding of Chiral Edge Vortices. Physical Review Letters, 2019, 122, 146803.	2.9	41
17	Neural network decoder for topological color codes with circuit level noise. New Journal of Physics, 2019, 21, 013003.	1.2	32
18	Electrical detection of the Majorana fusion rule for chiral edge vortices in a topological superconductor. , 2019, 6, .		9

#	Article	IF	Citations
19	Valley-momentum locking in a graphene superlattice with Y-shaped KekulÃ© bond texture. New Journal of Physics, 2018, 20, 023016.	1.2	55
20	Twisted Fermi surface of a thin-film Weyl semimetal. New Journal of Physics, 2018, 20, 023023.	1.2	26
21	Low-high voltage duality in tunneling spectroscopy of the Sachdev-Ye-Kitaev model. Physical Review B, 2018, 98, .	1.1	17
22	Topologically Protected Landau Level in the Vortex Lattice of a Weyl Superconductor. Physical Review Letters, 2018, 121, 037701.	2.9	14
23	Valley switch in a graphene superlattice due to pseudo-Andreev reflection. Physical Review B, 2018, 97, .	1.1	27
24	Chirality blockade of Andreev reflection in a magnetic Weyl semimetal. Physical Review B, 2017, 96, .	1.1	35
25	Superconductivity Provides Access to the Chiral Magnetic Effect of an Unpaired Weyl Cone. Physical Review Letters, 2017, 118, 207701.	2.9	21
26	Weyl-Majorana solenoid. New Journal of Physics, 2017, 19, 025006.	1.2	20
27	Scattering theory of the chiral magnetic effect in a Weyl semimetal: interplay of bulk Weyl cones and surface Fermi arcs. New Journal of Physics, 2016, 18, 045009.	1.2	51
28	Effect of a tunnel barrier on the scattering from a Majorana bound state in an Andreev billiard. Physica E: Low-Dimensional Systems and Nanostructures, 2016, 77, 54-64.	1.3	2
29	Wiedemann-Franz-type relation between shot noise and thermal conduction of Majorana surface states in a three-dimensional topological superconductor. Physical Review B, 2016, 94, .	1.1	6
30	Bringing order to the expanding fermion zoo. Science, 2016, 353, 539-540.	6.0	6
31	Two-dimensional Josephson vortex lattice and anomalously slow decay of the Fraunhofer oscillations in a ballistic SNS junction with a warped Fermi surface. Physical Review B, 2016, 94, .	1.1	13
32	Magnetic Breakdown and Klein Tunneling in a Type-II Weyl Semimetal. Physical Review Letters, 2016, 116, 236401.	2.9	167
33	Attractor-repeller pair of topological zero modes in a nonlinear quantum walk. Physical Review A, 2016, 93, .	1.0	20
34	A road to reality with topological superconductors. Nature Physics, 2016, 12, 618-621.	6.5	85
35	Reprint of : Effect of a tunnel barrier on the scattering from a Majorana bound state in an Andreev billiard. Physica E: Low-Dimensional Systems and Nanostructures, 2016, 82, 106-116.	1.3	1
36	Statistical translation invariance protects a topological insulator from interactions. Physical Review B, 2015, 92, .	1.1	47

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37	Topologically protected charge transfer along the edge of a chiral<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>p</mml:mi></mml:math>-wave superconductor. Physical Review B, 2015, 92, .	1.1	10
38	Andreev-Bragg Reflection from an Amperian Superconductor. Physical Review Letters, 2015, 115, 097001.	2.9	3
39	Random-matrix theory of Majorana fermions and topological superconductors. Reviews of Modern Physics, 2015, 87, 1037-1066.	16.4	211
40	Quench dynamics of fermion-parity switches in a Josephson junction. Physical Review B, 2015, 92, .	1.1	17
41	Effect of Chiral Symmetry on Chaotic Scattering from Majorana Zero Modes. Physical Review Letters, 2015, 114, 166803.	2.9	16
42	Even-odd flux quanta effect in the Fraunhofer oscillations of an edge-channel Josephson junction. Physical Review B, 2015, 91, .	1.1	24
43	Minimal circuit for a flux-controlled Majorana qubit in a quantum spin-Hall insulator. Physica Scripta, 2015, T164, 014007.	1.2	7
44	Giant Negative Magnetoresistance Driven by Spin-Orbit Coupling at the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>LaAlO</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:mo stretchy="false">/</mml:mo><mml:msub><mml:mi>SrTiO</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>Interface. Physical Review Letters, 2015, 115, 016803.	2.9	63
45	X-shaped and Y-shaped Andreev resonance profiles in a superconducting quantum dot. Journal of Experimental and Theoretical Physics, 2014, 119, 1018-1027.	0.2	24
46	Many-Body Characterization of Particle-Conserving Topological Superfluids. Physical Review Letters, 2014, 113, 267002.	2.9	72
47	Bimodal conductance distribution of Kitaev edge modes in topological superconductors. New Journal of Physics, 2014, 16, 063049.	1.2	27
48	Quantum phase transitions of a disordered antiferromagnetic topological insulator. Physical Review B, 2014, 89, .	1.1	38
49	Disorder and magnetic-field-induced breakdown of helical edge conduction in an inverted electron-hole bilayer. Physical Review B, 2014, 89, .	1.1	25
50	Emergence of Massless Dirac Fermions in Grapheneâ€™s Hofstadter Butterfly at Switches of the Quantum Hall Phase Connectivity. Physical Review Letters, 2014, 112, 196602.	2.9	41
51	Time-delay matrix, midgap spectral peak, and thermopower of an Andreev billiard. Physical Review B, 2014, 90, .	1.1	16
52	Annihilation of Colliding Bogoliubov Quasiparticles Reveals their Majorana Nature. Physical Review Letters, 2014, 112, 070604.	2.9	34
53	Wigner-Poisson Statistics of Topological Transitions in a Josephson Junction. Physical Review Letters, 2013, 111, 037001.	2.9	31
54	Proposal for the detection and braiding of Majorana fermions in a quantum spin Hall insulator. Physical Review B, 2013, 87, .	1.1	64

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55	Search for Majorana Fermions in Superconductors. Annual Review of Condensed Matter Physics, 2013, 4, 113-136.	5.2	1,500
56	Phase-locked magnetoconductance oscillations as a probe of Majorana edge states. Physical Review B, 2013, 87, .	1.1	13
57	Online Friedmann resource. Physics Today, 2013, 66, 9-9.	0.3	0
58	Fermion-Parity Anomaly of the Critical Supercurrent in the Quantum Spin-Hall Effect. Physical Review Letters, 2013, 110, 017003.	2.9	116
59	Flux-controlled quantum computation with Majorana fermions. Physical Review B, 2013, 88, .	1.1	253
60	A zero-voltage conductance peak from weak antilocalization in a Majorana nanowire. New Journal of Physics, 2012, 14, 125011.	1.2	247
61	Coulomb-assisted braiding of Majorana fermions in a Josephson junction array. New Journal of Physics, 2012, 14, 035019.	1.2	257
62	Metalâ€“topological insulator transition in the quantum kicked rotator with<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi mathvariant="double-struck">Z</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>symmetry. Physical Review B, 2012, 85, .	1.1	13
63	Transmission probability through a LÃ©vy glass and comparison with a LÃ©vy walk. Physical Review E, 2012, 85, 021138.	0.8	21
64	Measuring<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Tr</mml:mi><mml:msup><mml:mi>Ï</mml:mi><mml:mi>n</mml:mi></mml:msup></mml:math>on Single Copies of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Ï</mml:mi></mml:math>Using Random Measurements. Physical Review Letters, 2012, 108, 110503.	2.9	93
65	Scattering theory of topological invariants in nodal superconductors. Physical Review B, 2012, 86, .	1.1	13
66	Metallic Phase of the Quantum Hall Effect in Four-Dimensional Space. Physical Review Letters, 2012, 109, 135701.	2.9	22
67	Thermal metal-insulator transition in a helical topological superconductor. Physical Review B, 2012, 86, .	1.1	23
68	Andreev reflection from a topological superconductor with chiral symmetry. Physical Review B, 2012, 86, .	1.1	46
69	Spin-triplet supercurrent carried by quantum Hall edge states through a Josephson junction. Physical Review B, 2011, 83, .	1.1	54
70	Dirac boundary condition at the reconstructed zigzag edge of graphene. Physical Review B, 2011, 84, .	1.1	43
71	Coulomb stability of the 4<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Ï€</mml:mi></mml:math>-periodic Josephson effect of Majorana fermions. Physical Review B, 2011, 84, .	1.1	105
72	Topological quantum number and critical exponent from conductance fluctuations at the quantum Hall plateau transition. Physical Review B, 2011, 84, .	1.1	34

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73	Random-matrix theory of Andreev reflection from a topological superconductor. Physical Review B, 2011, 83, .	1.1	42
74	Effects of disorder on the transmission of nodal fermions through ad-wave superconductor. Physical Review B, 2011, 83, .	1.1	1
75	Quantum point contact as a probe of a topological superconductor. New Journal of Physics, 2011, 13, 053016.	1.2	228
76	Quantized Conductance at the Majorana Phase Transition in a Disordered Superconducting Wire. Physical Review Letters, 2011, 106, 057001.	2.9	252
77	Quantum Hall effect in a one-dimensional dynamical system. Physical Review B, 2011, 84, .	1.1	80
78	The top-transmon: a hybrid superconducting qubit for parity-protected quantum computation. New Journal of Physics, 2011, 13, 095004.	1.2	118
79	Scattering formula for the topological quantum number of a disordered multimode wire. Physical Review B, 2011, 83, .	1.1	157
80	Nernst effect beyond the relaxation-time approximation. Physical Review B, 2011, 84, .	1.1	13
81	Majorana fermions emerging from magnetic nanoparticles on a superconductor without spin-orbit coupling. Physical Review B, 2011, 84, .	1.1	333
82	Domain Wall in a Chiral<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>p</mml:mi></mml:math>-Wave Superconductor: A Pathway for Electrical Current. Physical Review Letters, 2010, 104, 147001.	2.9	34
83	Random-matrix theory of thermal conduction in superconducting quantum dots. Physical Review B, 2010, 82, .	1.1	23
84	Flat-lens focusing of electrons on the surface of a topological insulator. Physical Review B, 2010, 82, .	1.1	20
85	Effective mass and tricritical point for lattice fermions localized by a random mass. Physical Review B, 2010, 81, .	1.1	43
86	Absence of a metallic phase in charge-neutral graphene with a random gap. Physical Review B, 2010, 81, .	1.1	48
87	Nonzero temperature effects on antibunched photons emitted by a quantum point contact out of equilibrium. Physical Review B, 2010, 81, .	1.1	10
88	Anyonic interferometry without anyons: how a flux qubit can read out a topological qubit. New Journal of Physics, 2010, 12, 125002.	1.2	146
89	Majorana Bound States without Vortices in Topological Superconductors with Electrostatic Defects. Physical Review Letters, 2010, 105, 046803.	2.9	135
90	Geodesic scattering by surface deformations of a topological insulator. Physical Review B, 2010, 82, .	1.1	13

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91	Quantum limit of the triplet proximity effect in half-metalâ€“superconductor junctions. Physical Review B, 2009, 79, .	1.1	50
92	Switching of electrical current by spin precession in the first Landau level of an inverted-gap semiconductor. Physical Review B, 2009, 80, .	1.1	16
93	Hartman effect and spin precession in graphene. Physical Review B, 2009, 80, .	1.1	22
94	Nonalgebraic length dependence of transmission through a chain of barriers with a LÃ©vy spacing distribution. Physical Review B, 2009, 79, .	1.1	34
95	Extinction of coherent backscattering by a disordered photonic crystal with a Dirac spectrum. Europhysics Letters, 2009, 85, 14005.	0.7	22
96	Pseudodiffusive transmission of nodal Dirac fermions through a clean<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>d</mml:mi></mml:math>-wave superconductor. Physical Review B, 2009, 80, .	1.1	1
97	Theory of the Topological Anderson Insulator. Physical Review Letters, 2009, 103, 196805.	2.9	311
98	Electrically Detected Interferometry of Majorana Fermions in a Topological Insulator. Physical Review Letters, 2009, 102, 216404.	2.9	522
99	Quantum Goos-HÃnchen Effect in Graphene. Physical Review Letters, 2009, 102, 146804.	2.9	215
100	Two-Photon Speckle as a Probe of Multi-Dimensional Entanglement. Physical Review Letters, 2009, 102, 193601.	2.9	41
101	Numerical test of the theory of pseudo-diffusive transmission at the Dirac point of a photonic band structure. Optics Communications, 2008, 281, 5267-5270.	1.0	21
102	Splitting of a Cooper Pair by a Pair of Majorana Bound States. Physical Review Letters, 2008, 101, 120403.	2.9	394
103	Boundary conditions for Dirac fermions on a terminated honeycomb lattice. Physical Review B, 2008, 77, .	1.1	406
104	Colloquium: Andreev reflection and Klein tunneling in graphene. Reviews of Modern Physics, 2008, 80, 1337-1354.	16.4	1,139
105	Correspondence between Andreev reflection and Klein tunneling in bipolar graphene. Physical Review B, 2008, 77, .	1.1	41
106	Theory of the valley-valve effect in graphene nanoribbons. Physical Review B, 2008, 77, .	1.1	161
107	Electronic Shot Noise in Fractal Conductors. Physical Review Letters, 2008, 100, 176804.	2.9	16
108	Proposed method for detection of the pseudospin-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mstyle scriptlevel="1"><mml:mfrac bevelled="false"><mml:mn>1</mml:mn><mml:mn>2</mml:mn></mml:mfrac></mml:mstyle></mml:mrow></mml:math>Berry phase in a photonic crystal with a Dirac spectrum. Physical Review B, 2008, 78, .	1.1	47

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109	Calculation of the conductance of a graphene sheet using the Chalker-Coddington network model. Physical Review B, 2008, 78, .	1.1	28
110	Finite difference method for transport properties of massless Dirac fermions. Physical Review B, 2008, 78, .	1.1	62
111	Splitting of Andreev levels in a Josephson junction by spin-orbit coupling. Physical Review B, 2008, 77, .	1.1	41
112	Effect of spin-orbit coupling on the excitation spectrum of Andreev billiards. Physical Review B, 2007, 75, .	1.1	2
113	Valley-isospin dependence of the quantum Hall effect in a graphene<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>p</mml:mi><mml:mtext>â^'</mml:mtext><mml:mi>n</mml:mi></mml:mrow></mml:math>ju Physical Review B, 2007, 76, .	1.1	68
114	Pseudodiffusive conduction at the Dirac point of a normal-superconductor junction in graphene. Physical Review B, 2007, 75, .	1.1	34
115	Extremal transmission at the Dirac point of a photonic band structure. Physical Review A, 2007, 75, .	1.0	221
116	One-Parameter Scaling at the Dirac Point in Graphene. Physical Review Letters, 2007, 99, 106801.	2.9	306
117	Aharonov-Bohm effect and broken valley degeneracy in graphene rings. Physical Review B, 2007, 76, .	1.1	258
118	Excitation gap of a graphene channel with superconducting boundaries. Physical Review B, 2007, 75, .	1.1	69
119	Ballistic transmission through a graphene bilayer. Physical Review B, 2007, 75, .	1.1	165
120	Anomalously large conductance fluctuations in weakly disordered graphene. Europhysics Letters, 2007, 79, 57003.	0.7	149
121	Reentrance effect in a graphenenâ^'pâ^'njunction coupled to a superconductor. Physical Review B, 2007, 75, .	1.1	46
122	Detection of Valley Polarization in Graphene by a Superconducting Contact. Physical Review Letters, 2007, 98, 157003.	2.9	162
123	Valley filter and valley valve in graphene. Nature Physics, 2007, 3, 172-175.	6.5	1,452
124	Counting statistics of coherent population trapping in quantum dots. Physical Review B, 2006, 74, .	1.1	59
125	Specular Andreev Reflection in Graphene. Physical Review Letters, 2006, 97, 067007.	2.9	629
126	Josephson effect in ballistic graphene. Physical Review B, 2006, 74, .	1.1	277

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127	Parity meter for charge qubits: An efficient quantum entangler. Physical Review B, 2006, 73, .	1.1	65
128	Sub-Poissonian Shot Noise in Graphene. Physical Review Letters, 2006, 96, 246802.	2.9	779
129	How spin-orbit interaction can cause electronic shot noise. Europhysics Letters, 2006, 76, 115-120.	0.7	6
130	All-electronic coherent population trapping in quantum dots. Europhysics Letters, 2006, 73, 677-683.	0.7	98
131	Voltage probe model of spin decay in a chaotic quantum dot with applications to spin-flip noise and entanglement production. Physical Review B, 2006, 73, .	1.1	10
132	Excess conductance of a spin-filtering quantum dot. Physical Review B, 2006, 73, .	1.1	9
133	Degradation of electron-hole entanglement by spin-orbit coupling. Physical Review B, 2006, 74, .	1.1	2
134	Deterministic quantum state transfer from an electronic charge qubit to a photonic polarization qubit. Physical Review B, 2006, 73, .	1.1	3
135	Transfer of entanglement from electrons to photons by optical selection rules. New Journal of Physics, 2005, 7, 186-186.	1.2	11
136	Stub model for dephasing in a quantum dot. Journal of Physics A, 2005, 38, 10639-10646.	1.6	9
137	Quantum-to-classical crossover for Andreev billiards in a magnetic field. Physical Review B, 2005, 72, .	1.1	14
138	Stroboscopic model of transport through a quantum dot with spin-orbit scattering. Physical Review B, 2005, 72, .	1.1	10
139	Emission of Polarization-Entangled Microwave Photons from a Pair of Quantum Dots. Physical Review Letters, 2005, 95, 127401.	2.9	30
140	Optimal Spin-Entangled Electron-Hole Pair Pump. Physical Review Letters, 2005, 94, 186804.	2.9	51
141	Andreev Billiards. Lecture Notes in Physics, 2005, , 131-174.	0.3	43
142	Production and detection of three-qubit entanglement in the Fermi sea. Physical Review B, 2004, 69, .	1.1	11
143	Exponential Sensitivity to Dephasing of Electrical Conduction Through a Quantum Dot. Physical Review Letters, 2004, 93, 186806.	2.9	16
144	Antibunched Photons Emitted by a Quantum Point Contact out of Equilibrium. Physical Review Letters, 2004, 93, 096801.	2.9	55

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145	Quantum-to-classical crossover of mesoscopic conductance fluctuations. Physical Review B, 2004, 69, .	1.1	29
146	Entanglement in mesoscopic structures: Role of projection. Physical Review B, 2004, 69, .	1.1	38
147	Feedback of the electromagnetic environment on current and voltage fluctuations out of equilibrium. Physical Review B, 2004, 69, .	1.1	37
148	Weak localization of the open kicked rotator. Physical Review B, 2004, 70, .	1.1	14
149	Transition from pure-state to mixed-state entanglement by random scattering. Physical Review A, 2004, 70, .	1.0	6
150	Relation between entanglement measures and Bell inequalities for three qubits. Physical Review A, 2004, 69, .	1.0	29
151	Charge Detection Enables Free-Electron Quantum Computation. Physical Review Letters, 2004, 93, 020501.	2.9	156
152	Quantum Teleportation by Particle-Hole Annihilation in the Fermi Sea. Physical Review Letters, 2004, 92, 056801.	2.9	48
153	Entanglement Production in a Chaotic Quantum Dot. , 2004, , 167-177.		2
154	Temperature-Dependent Third Cumulant of Tunneling Noise. Physical Review Letters, 2003, 90, 176802.	2.9	67
155	Hypersensitivity to perturbations of quantum-chaotic wave-packet dynamics. Physical Review E, 2003, 67, 025204.	0.8	42
156	Anomalous power law of quantum reversibility for classically regular dynamics. Europhysics Letters, 2003, 61, 729-735.	0.7	36
157	Proposal for Production and Detection of Entangled Electron-Hole Pairs in a Degenerate Electron Gas. Physical Review Letters, 2003, 91, 147901.	2.9	182
158	Quasiclassical fluctuations of the superconductor proximity gap in a chaotic system. Physical Review B, 2003, 68, .	1.1	13
159	Adiabatic Quantization of Andreev Quantum Billiard Levels. Physical Review Letters, 2003, 90, 116801.	2.9	35
160	Dynamical model for the quantum-to-classical crossover of shot noise. Physical Review B, 2003, 68, .	1.1	46
161	Quantum Andreev Map: A Paradigm of Quantum Chaos in Superconductivity. Physical Review Letters, 2003, 90, 207004.	2.9	47
162	Distribution of Voltage Fluctuations in a Current-Biased Conductor. Physical Review Letters, 2003, 90, 246805.	2.9	29

#	Article	IF	Citations
163	Reply to â€œComment on â€˜Ehrenfest times for classically chaotic systemsâ€™ â€• Physical Review E, 2003, 68, .	0.8	1
164	Noiseless scattering states in a chaotic cavity. Physical Review B, 2003, 67, .	1.1	41
165	Crossover from weak localization to weak antilocalization in a disordered microbridge. Physical Review B, 2003, 67, .	1.1	2
166	Scattering theory of plasmon-assisted entanglement transfer and distillation. Physical Review A, 2003, 68, .	1.0	16
167	Quantum Shot Noise. Physics Today, 2003, 56, 37-42.	0.3	166
168	Ehrenfest-Time-Dependent Excitation Gap in a Chaotic Andreev Billiard. Physical Review Letters, 2002, 89, 237002.	2.9	21
169	Quantum Optical Communication Rates through an Amplifying Random Medium. Physical Review Letters, 2002, 89, 043902.	2.9	20
170	Dynamic effect of phase conjugation on wave localization. Physical Review B, 2002, 65, .	1.1	0
171	Ehrenfest times for classically chaotic systems. Physical Review E, 2002, 65, 035208.	0.8	33
172	Electromechanical Noise in a Diffusive Conductor. Physical Review Letters, 2002, 88, 228303.	2.9	14
173	Quantum theory of electromechanical noise and momentum transfer statistics. Physical Review B, 2002, 66, .	1.1	9
174	Multiple-path interferometer with a single quantum obstacle. Europhysics Letters, 2002, 57, 651-657.	0.7	9
175	Momentum noise in a quantum point contact. Physical Review B, 2002, 66, .	1.1	3
176	Manipulation of Photon Statistics of Highly Degenerate Incoherent Radiation. Physical Review Letters, 2002, 88, 063601.	2.9	16
177	Decay of the Loschmidt Echo for Quantum States with Sub-Planck-Scale Structures. Physical Review Letters, 2002, 89, 154103.	2.9	71
178	Microscopic versus mesoscopic local density of states in one-dimensional localization. Physical Review B, 2002, 65, .	1.1	23
179	Universal Gap Fluctuations in the Superconductor Proximity Effect. Physical Review Letters, 2001, 86, 874-877.	2.9	73
180	Frequency dependence of the photonic noise spectrum in an absorbing or amplifying diffusive medium. European Physical Journal D, 2001, 13, 289-297.	0.6	7

#	Article	IF	Citations
181	Distribution of the reflection eigenvalues of a weakly absorbing chaotic cavity. Physica E: Low-Dimensional Systems and Nanostructures, 2001, 9, 463-466.	1.3	56
182	Effect of dephasing on charge-counting statistics in chaotic cavities. Physica E: Low-Dimensional Systems and Nanostructures, 2001, 11, 1-7.	1.3	28
183	Effect of inelastic scattering on the average Coulomb-blockade peak height in quantum dots. Physical Review B, 2001, 64, .	1.1	12
184	Andreev levels in a single-channel conductor. Physical Review B, 2001, 64, .	1.1	3
185	Negative superfluid density: Mesoscopic fluctuations and reverse of the supercurrent through a disordered Josephson junction. Physical Review B, 2001, 65, .	1.1	4
186	Limits to Error Correction in Quantum Chaos. Physical Review Letters, 2001, 86, 5192-5195.	2.9	12
187	Golden rule decay versus Lyapunov decay of the quantum Loschmidt echo. Physical Review E, 2001, 64, 055203.	0.8	211
188	Counting Statistics of Photons Produced by Electronic Shot Noise. Physical Review Letters, 2001, 86, 700-703.	2.9	95
189	Localization-induced coherent backscattering effect in wave dynamics. Physical Review E, 2001, 63, 026605.	0.8	12
190	Dynamics of localization in a waveguide. , 2001, , 489-508.		5
191	Single-Mode Delay Time Statistics for Scattering by a Chaotic Cavity. Physica Scripta, 2001, T90, 278.	1.2	1
192	Quantum limit of the laser line width in chaotic cavities and statistics of residues of scattering matrix poles. Physica A: Statistical Mechanics and Its Applications, 2000, 278, 469-496.	1.2	82
193	Quantum-limited linewidth of a chaotic laser cavity. Physical Review A, 2000, 61, .	1.0	33
194	Coherent backscattering effect on wave dynamics in a random medium. Europhysics Letters, 2000, 52, 518-524.	0.7	8
195	Photonic excess noise and wave localization. Physical Review A, 2000, 61, .	1.0	11
196	Signature of Wave Localization in the Time Dependence of a Reflected Pulse. Physical Review Letters, 2000, 85, 3388-3391.	2.9	19
197	Hierarchical Model for the Scale-Dependent Velocity of Waves in Random Media. Physical Review Letters, 2000, 85, 674-676.	2.9	5
198	Search for Two-Scale Localization in Disordered Wires in a Magnetic Field. Physical Review Letters, 2000, 84, 3927-3929.	2.9	12

#	Article	IF	Citations
199	Scaling at the Chaos Threshold for Interacting Electrons in a Quantum Dot. Physical Review Letters, 2000, 84, 3414-3417.	2.9	20
200	Large Petermann factor in chaotic cavities with many scattering channels. Europhysics Letters, 2000, 49, 48-54.	0.7	48
201	Propagation of squeezed radiation through amplifying or absorbing random media. Physical Review A, 2000, 61, .	1.0	32
202	Why Does a Metalâ€"Superconductor Junction Have a Resistance?. , 2000, , 51-60.		7
203	Non-Cayley-Tree Model for Quasiparticle Decay in a Quantum Dot. Physical Review Letters, 1999, 82, 4894-4897.	2.9	29
204	Radiative Transfer Theory for Vacuum Fluctuations. Physical Review Letters, 1999, 83, 5475-5478.	2.9	10
205	Long-range correlation of thermal radiation. Physical Review A, 1999, 59, R43-R46.	1.0	6
206	Sub-Poissonian Shot Noise in Nondegenerate Diffusive Conductors. Physical Review Letters, 1999, 82, 2761-2763.	2.9	28
207	Kinetic theory of shot noise in nondegenerate diffusive conductors. Physical Review B, 1999, 60, 5839-5850.	1.1	16
208	Distribution of the quantum mechanical time-delay matrix for a chaotic cavity. Waves in Random and Complex Media, 1999, 9, 91-104.	1.5	81
209	Excitation Spectrum of Andreev Billiards with a Mixed Phase Space. Physical Review Letters, 1999, 82, 2951-2954.	2.9	45
210	High-frequency dynamics of wave localization. Physical Review E, 1999, 60, R6313-R6315.	0.8	7
211	Berry phase and adiabaticity of a spin diffusing in a nonuniform magnetic field. Physical Review B, 1999, 59, 2102-2110.	1.1	13
212	PHOTON SHOT NOISE. Modern Physics Letters B, 1999, 13, 337-347.	1.0	15
213	Excess noise for coherent radiation propagating through amplifying random media. Physical Review A, 1999, 60, 4059-4066.	1.0	33
214	Photon Statistics of a Random Laser. , 1999, , 137-164.		6
215	Lasing threshold and mode competition in chaotic cavities. Physical Review A, 1998, 57, 2041-2045.	1.0	49
216	Thermopower of single-channel disordered and chaotic conductors. Superlattices and Microstructures, 1998, 23, 691-698.	1.4	24

#	Article	IF	Citations
217	Thermal Radiation and Amplified Spontaneous Emission from a Random Medium. Physical Review Letters, 1998, 81, 1829-1832.	2.9	110
218	Brightness of a phase-conjugating mirror behind a random medium. Europhysics Letters, 1997, 38, 651-656.	0.7	2
219	Theory of directed localization in one dimension. Physical Review B, 1997, 56, R4333-R4335.	1.1	92
220	Voltage-probe and imaginary-potential models for dephasing in a chaotic quantum dot. Physical Review B, 1997, 55, 4695-4702.	1.1	158
221	Distribution of Parametric Conductance Derivatives of a Quantum Dot. Physical Review Letters, 1997, 79, 913-916.	2.9	51
222	Fluctuating phase rigidity for a quantum chaotic system with partially broken time-reversal symmetry. Physical Review E, 1997, 55, R1-R4.	0.8	47
223	Superconductor-proximity effect in chaotic and integrable billiards. Physica Scripta, 1997, T69, 223-225.	1.2	48
224	Spontaneous Emission in Chaotic Cavities. Physical Review Letters, 1997, 79, 1841-1844.	2.9	8
225	Shot Noise in Mesoscopic Systems. , 1997, , 225-258.		21
226	Quantum Mechanical Time-Delay Matrix in Chaotic Scattering. Physical Review Letters, 1997, 78, 4737-4740.	2.9	153
227	Reflection of light from a disordered medium backed by a phase-conjugating mirror. Physical Review A, 1997, 56, 4216-4228.	1.0	12
228	Supersymmetry in disorder and chaos. Endeavour, 1997, 21, 132-133.	0.1	0
229	Random-matrix theory of quantum transport. Reviews of Modern Physics, 1997, 69, 731-808.	16.4	2,171
230	Anomalous temperature dependence of the supercurrent through a chaotic Josephson junction. Chaos, Solitons and Fractals, 1997, 8, 1249-1260.	2.5	52
231	Localization in a disordered multi-mode waveguide with absorption or amplification. Physica A: Statistical Mechanics and Its Applications, 1997, 236, 189-201.	1.2	21
232	Localization of light: Dual symmetry between absorption and amplification. Physical Review B, 1996, 54, 11887-11890.	1.1	70
233	Quantum Point Contacts. Physics Today, 1996, 49, 22-27.	0.3	132
234	Diagrammatic method of integration over the unitary group, with applications to quantum transport in mesoscopic systems. Journal of Mathematical Physics, 1996, 37, 4904-4934.	0.5	213

#	Article	IF	Citations
235	Probability of Reflection by a Random Laser. Physical Review Letters, 1996, 76, 1368-1371.	2.9	106
236	Reflectance fluctuations in an absorbing random waveguide. JETP Letters, 1996, 64, 319-324.	0.4	7
237	Semiclassical theory of shot noise in mesoscopic conductors. Physica A: Statistical Mechanics and Its Applications, 1996, 230, 219-248.	1.2	97
238	Phase-dependent magnetoconductance fluctuations in a chaotic Josephson junction. Physical Review B, 1996, 54, R12705-R12708.	1.1	20
239	Nonperturbative calculation of the probability distribution of plane-wave transmission through a disordered waveguide. Physical Review E, 1996, 53, R1344-R1347.	0.8	38
240	Effect of the Coupling to a Superconductor on the Level Statistics of a Metal Grain in a Magnetic Field. Physical Review Letters, 1996, 76, 2981-2984.	2.9	44
241	Induced superconductivity distinguishes chaotic from integrable billiards. Europhysics Letters, 1996, 35, 7-12.	0.7	108
242	Giant backscattering peak in angle-resolved Andreev reflection. Physical Review B, 1995, 51, 13883-13886.	1.1	31
243	Insensitivity to time-reversal symmetry breaking of universal conductance fluctuations with Andreev reflection. Physical Review B, 1995, 52, 16772-16775.	1.1	21
244	Effect of a voltage probe on the phase-coherent conductance of a ballistic chaotic cavity. Physical Review B, 1995, 51, 7739-7743.	1.1	50
245	Weak localization coexisting with a magnetic field in a normal-metalâ€“superconductor microbridge. Physical Review B, 1995, 52, R3868-R3871.	1.1	29
246	Conductance fluctuations in a disordered double-barrier junction. Physical Review B, 1995, 51, 14483-14489.	1.1	6
247	Semiclassical theory of shot-noise suppression. Physical Review B, 1995, 51, 16867-16870.	1.1	57
248	Andreev Reflection in Ferromagnet-Superconductor Junctions. Physical Review Letters, 1995, 74, 1657-1660.	2.9	502
249	Principles of Solid State Electron Optics. NATO ASI Series Series B: Physics, 1995, , 269-303.	0.2	7
250	Universal Quantum Signatures of Chaos in Ballistic Transport. Europhysics Letters, 1994, 27, 255-260.	0.7	288
251	EXACTLY SOLVABLE SCALING THEORY OF CONDUCTION IN DISORDERED WIRES. Modern Physics Letters B, 1994, 08, 469-478.	1.0	5
252	Sawtooth-like thermopower oscillations of a quantum dot in the Coulomb blockade regime. Semiconductor Science and Technology, 1994, 9, 903-906.	1.0	31

#	Article	IF	Citations
253	Conductance distribution of a quantum dot with nonideal single-channel leads. Physical Review B, 1994, 50, 11263-11266.	1.1	35
254	Random-matrix theory of quantum size effects on nuclear magnetic resonance in metal particles. Physical Review B, 1994, 50, 15170-15173.	1.1	21
255	Universality of weak localization in disordered wires. Physical Review B, 1994, 49, 2205-2207.	1.1	15
256	Scaling theory of conduction through a normal-superconductor microbridge. Physical Review Letters, 1994, 72, 2470-2473.	2.9	63
257	Exact solution for the distribution of transmission eigenvalues in a disordered wire and comparison with random-matrix theory. Physical Review B, 1994, 49, 7499-7510.	1.1	97
258	Conductance fluctuations, weak localization, and shot noise for a ballistic constriction in a disordered wire. Physical Review B, 1994, 50, 2450-2457.	1.1	36
259	Reflectionless tunneling through a double-barrier NS junction. Physica B: Condensed Matter, 1994, 203, 219-225.	1.3	66
260	Random-matrix theory of parametric correlations in the spectra of disordered metals and chaotic billiards. Physica A: Statistical Mechanics and Its Applications, 1994, 203, 61-90.	1.2	43
261	Doubled shot noise in disordered normal-metalâ€“superconductor junctions. Physical Review B, 1994, 49, 16070-16073.	1.1	88
262	Universality of BrÃ©zin and Zee's spectral correlator. Nuclear Physics B, 1994, 422, 515-520.	0.9	69
263	Coulomb charging of a quantum dot in the presence of adiabatically transmitted edge channels. Physica B: Condensed Matter, 1993, 189, 80-87.	1.3	7
264	Single-electron tunneling in the fractional quantum Hall effect regime. Physica B: Condensed Matter, 1993, 189, 147-156.	1.3	16
265	Polarization charge relaxation and the Coulomb staircase in ultrasmall double-barrier tunnel junctions. Physica B: Condensed Matter, 1993, 189, 218-224.	1.3	11
266	Conductance and supercurrent discontinuities in atomic size point contacts. Physica B: Condensed Matter, 1993, 189, 225-234.	1.3	11
267	Universality in the random-matrix theory of quantum transport. Physical Review Letters, 1993, 70, 1155-1158.	2.9	113
268	Nonlogarithmic repulsion of transmission eigenvalues in a disordered wire. Physical Review Letters, 1993, 71, 3689-3692.	2.9	97
269	Computation of quantum-transport properties by random-matrix theory. , 1993, , 233-243.		0
270	Long-Range Energy Level Interaction in Small Metallic Particles. Europhysics Letters, 1993, 24, 1-6.	0.7	19

#	Article	IF	Citations
271	Coulomb-Blockade Oscillations in the Thermopower of a Quantum Dot. Europhysics Letters, 1993, 22, 57-62.	0.7	195
272	Three signatures of phase-coherent Andreev reflection. Physical Review B, 1993, 48, 2811-2814.	1.1	107
273	Brownian-motion model for parametric correlations in the spectra of disordered metals. Physical Review Letters, 1993, 70, 4126-4129.	2.9	61
274	Random-matrix theory of mesoscopic fluctuations in conductors and superconductors. Physical Review B, 1993, 47, 15763-15775.	1.1	53
275	Quantum effects in thermal and thermo-electric transport in semiconductor nanostructures. Physica Scripta, 1993, T49B, 441-445.	1.2	8
276	Thermal and Thermo-Electric Transport Properties of Quantum Point Contacts. , 1993, , 365-378.		0
277	Thermo-electric properties of quantum point contacts. Semiconductor Science and Technology, 1992, 7, B215-B221.	1.0	159
278	Coulomb-blockade oscillations in disordered quantum wires. Physical Review B, 1992, 45, 9222-9236.	1.1	75
279	Mesoscopic fluctuations in the shot-noise power of metals. Physical Review B, 1992, 46, 13400-13406.	1.1	46
280	Vector-mean-field theory of the fractional quantum Hall effect. Physical Review B, 1992, 46, 15566-15569.	1.1	12
281	Theory of the thermopower of a quantum dot. Physical Review B, 1992, 46, 9667-9676.	1.1	260
282	Activated transport through a quantum dot with extended edge channels. Physical Review B, 1992, 46, 15562-15565.	1.1	26
283	Observation of excess conductance of a constricted electron gas in the fractional quantum Hall regime. Physical Review B, 1992, 45, 3890-3893.	1.1	12
284	Chapter 2: Quantum Point Contacts. Semiconductors and Semimetals, 1992, 35, 9-112.	0.4	43
285	Suppression of shot noise in metallic diffusive conductors. Physical Review B, 1992, 46, 1889-1892.	1.1	404
286	Quantum transport in semiconductor-superconductor microjunctions. Physical Review B, 1992, 46, 12841-12844.	1.1	297
287	Spatial potential distribution in GaAs/AlxGa1â^'xAs heterostructures under quantum Hall conditions studied with the linear electro-optic effect. Surface Science, 1992, 263, 91-96.	0.8	51
288	Selective backscattering and the breakdown of the quantum Hall effect. Surface Science, 1992, 263, 288-292.	0.8	1

#	Article	IF	Citations
289	Resonant Josephson Current Through a Quantum Dot. Springer Series in Electrophysics, 1992, , 175-179.	0.2	15
290	LATERAL ELECTRON TRANSPORT THROUGH A QUANTUM DOT: COULOMB BLOCKADE AND QUANTUM TRANSPORT. , 1992, , 255-266.		0
291	Coulomb-Blockade Oscillations in Quantum Wires and Dots. Springer Series in Electrophysics, 1992, , 159-169.	0.2	2
292	Coulomb-Blockade Oscillations in Semiconductor Nanostructures. NATO ASI Series Series B: Physics, 1992, , 167-216.	0.2	36
293	Three â€œUniversalâ€•Mesoscopic Josephson Effects. Springer Series in Solid-state Sciences, 1992, , 235-253.	0.3	29
294	Three â€œUniversalâ€•Mesoscopic Josephson Effects. Springer Series in Solid-state Sciences, 1992, , 78-82.	0.3	1
295	THE SUPERCONDUCTING QUANTUM POINT CONTACT. , 1992, , 481-497.		9
296	Superconducting Quantum Point Contacts and Other Mesoscopic Josephson Junctions. , 1992, , 232-234.		1
297	Coulomb-Regulated Conductance Oscillations in a Disordered Quantum Wire. Springer Series in Solid-state Sciences, 1992, , 301-312.	0.3	0
298	Quantum Transport in Semiconductor Nanostructures. Solid State Physics, 1991, , 1-228.	1.3	892
299	Josephson current through a superconducting quantum point contact shorter than the coherence length. Physical Review Letters, 1991, 66, 3056-3059.	2.9	408
300	Quantum ballistic and adiabatic electron transport studied with quantum point contacts. Physical Review B, 1991, 43, 12431-12453.	1.1	230
301	Theory of Coulomb-blockade oscillations in the conductance of a quantum dot. Physical Review B, 1991, 44, 1646-1656.	1.1	1,289
302	Ballistic and adiabatic electron transport in 1 and 2 dimensions. Physica B: Condensed Matter, 1991, 169, 355.	1.3	0
303	Observation of the optical analogue of the quantised conductance of a point contact. Physica B: Condensed Matter, 1991, 175, 149-152.	1.3	2
304	Andreev reflection and the Josephson effect in a quantum point contact. Physica B: Condensed Matter, 1991, 175, 187-197.	1.3	28
305	Coulomb-blockade oscillations in a quantum dot. Physica B: Condensed Matter, 1991, 175, 226-230.	1.3	25
306	Observation of the optical analogue of quantized conductance of a point contact. Nature, 1991, 350, 594-595.	13.7	53

#	Article	IF	Citations
307	Voltage-probe-controlled breakdown of the quantum Hall effect. Physical Review B, 1991, 43, 12118-12121.	1.1	12
308	Superconductivity in the mean-field anyon gas. Physical Review B, 1991, 43, 11392-11395.	1.1	9
309	Universal limit of critical-current fluctuations in mesoscopic Josephson junctions. Physical Review Letters, 1991, 67, 3836-3839.	2.9	505
310	Influence of Coulomb repulsion on the Aharonov-Bohm effect in a quantum dot. Physical Review B, 1991, 44, 1657-1662.	1.1	62
311	Spatial potential distribution in GaAs/AlxGa1â^'xAs heterostructures under quantum Hall conditions studied with the linear electro-optic effect. Physical Review B, 1991, 43, 12090-12093.	1.1	76
312	Semiclassical theory of shot noise and its suppression in a conductor with deterministic scattering. Physical Review B, 1991, 43, 12066-12069.	1.1	67
313	Coulomb Blockade of the Aharonov-Bohm Effect. NATO ASI Series Series B: Physics, 1991, , 359-370.	0.2	2
314	Oscillating Transverse Voltage in a Channel with Quantum Point Contact Voltage Probes. NATO ASI Series Series B: Physics, 1991, , 335-345.	0.2	0
315	Quantum oscillations in the transverse voltage of a channel in the nonlinear transport regime. Physical Review Letters, 1990, 65, 1052-1055.	2.9	183
316	Electron-beam collimation with a quantum point contact. Physical Review B, 1990, 41, 1274-1277.	1.1	143
317	Edge channels for the fractional quantum Hall effect. Physical Review Letters, 1990, 64, 216-219.	2.9	291
318	Magnetoconductance of two point contacts in series. Physical Review B, 1990, 41, 8461-8464.	1.1	19
319	Hot-electron spectrometry with quantum point contacts. Physical Review B, 1990, 41, 1207-1210.	1.1	46
320	Limits on deviations from Onsager-Casimir symmetry in the resistance ofYBa2Cu3O7â^'Î´. Physical Review B, 1990, 42, 10789-10791.	1.1	19
321	Quantum Point Contacts and Coherent Electron Focusing. , 1990, , 203-225.		2
322	Injection of ballistic hot electrons and cool holes in a two-dimensional electron gas. Surface Science, 1990, 229, 303-306.	0.8	11
323	Semi-Classical Theory of Magnetoresistance Anomalies in Ballistic Multi-Probe Conductors. NATO ASI Series Series B: Physics, 1990, , 75-94.	0.2	4
324	Comment on â€˜â€˜Conductance oscillations periodic in the density of a one-dimensional electron gasâ€™â€™. Physical Review Letters, 1989, 63, 1893-1893.	2.9	163

#	Article	IF	Citations
325	Guiding-center-drift resonance in a periodically modulated two-dimensional electron gas. Physical Review Letters, 1989, 62, 2020-2023.	2.9	327
326	Beenakker and van Houten reply. Physical Review Letters, 1989, 62, 1921-1921.	2.9	3
327	Nonlinear conductance of quantum point contacts. Physical Review B, 1989, 39, 8040-8043.	1.1	163
328	Billiard model of a ballistic multiprobe conductor. Physical Review Letters, 1989, 63, 1857-1860.	2.9	289
329	Magnetotransport and nonadditivity of point-contact resistances in series. Physical Review B, 1989, 39, 10445-10448.	1.1	133
330	Skipping orbits, traversing trajectories, and quantum ballistic transport in microstructures. Superlattices and Microstructures, 1989, 5, 127-132.	1.4	33
331	Anomalous integer quantum Hall effect in the ballistic regime with quantum point contacts. Physical Review Letters, 1989, 62, 1181-1184.	2.9	207
332	Coherent electron focusing with quantum point contacts in a two-dimensional electron gas. Physical Review B, 1989, 39, 8556-8575.	1.1	320
333	Coherent electron focusing. FestkÃ¶rperprobleme, 1989, , 299-316.	0.7	2
334	Quantum Wires and Ballistic Point Contacts. , 1989, , 317-417.		0
335	Quantized conductance of point contacts in a two-dimensional electron gas. Physical Review Letters, 1988, 60, 848-850.	2.9	2,851
336	Quenching of the Hall Effect. Physical Review Letters, 1988, 60, 2406-2409.	2.9	80
337	Quantized conductance of magnetoelectric subbands in ballistic point contacts. Physical Review B, 1988, 38, 3625-3627.	1.1	215
338	Boundary scattering modified one-dimensional weak localization in submicron GaAs/AlGaAs heterostructures. Surface Science, 1988, 196, 144-149.	0.8	57
339	Four-terminal magnetoresistance of a two-dimensional electron-gas constriction in the ballistic regime. Physical Review B, 1988, 37, 8534-8536.	1.1	130
340	Flux-cancellation effect on narrow-channel magnetoresistance fluctuations. Physical Review B, 1988, 37, 6544-6546.	1.1	121
341	Numerical simulation of a coarsening two-dimensional network. Physical Review A, 1988, 37, 1697-1702.	1.0	60
342	Aharonov-bohm effect in a singly connected point contact. Physical Review B, 1988, 38, 10162-10165.	1.1	65

#	Article	IF	Citations
343	Boundary scattering and weak localization of electrons in a magnetic field. Physical Review B, 1988, 38, 3232-3240.	1.1	144
344	Coherent Electron Focussing in a Two-Dimensional Electron Gas. Europhysics Letters, 1988, 5, 721-725.	0.7	143
345	Mode Interference Effect in Coherent Electron Focusing. Europhysics Letters, 1988, 7, 359-364.	0.7	41
346	Quantum and Classical Ballistic Transport in Constricted Two-Dimensional Electron Gases. Springer Series in Solid-state Sciences, 1988, , 198-207.	0.3	0
347	Two-dimensional soap froths and polycrystalline networks: Why are large cells many-sided?. Physica A: Statistical Mechanics and Its Applications, 1987, 147, 256-267.	1.2	15
348	Monte Carlo study of a model of diffusionâ€€controlled reactions. Journal of Chemical Physics, 1986, 84, 3857-3864.	1.2	27
349	Ewald sum of the Rotneâ€“Prager tensor. Journal of Chemical Physics, 1986, 85, 1581-1582.	1.2	208
350	Evolution of Two-Dimensional Soap-Film Networks. Physical Review Letters, 1986, 57, 2454-2457.	2.9	42
351	Numerical simulation of diffusion-controlled droplet growth: Dynamical correlation effects. Physical Review A, 1986, 33, 4482-4485.	1.0	70
352	Many-sphere hydrodynamic interactions. Physica A: Statistical Mechanics and Its Applications, 1985, 131, 311-328.	1.2	25
353	On the Smoluchowski paradox in a sedimenting suspension. Physics of Fluids, 1985, 28, 767.	1.4	32
354	Is sedimentation container-shape dependent?. Physics of Fluids, 1985, 28, 3203.	1.4	47
355	Theory of Ostwald ripening for open systems. Journal of Chemical Physics, 1985, 83, 4710-4714.	1.2	34
356	Many-sphere hydrodynamic interactions. Physica A: Statistical Mechanics and Its Applications, 1984, 127, 451-472.	1.2	38
357	The effective viscosity of a concentrated suspension of spheres (and its relation to diffusion). Physica A: Statistical Mechanics and Its Applications, 1984, 128, 48-81.	1.2	200
358	Diffusion of spheres in a concentrated suspension II. Physica A: Statistical Mechanics and Its Applications, 1984, 126, 349-370.	1.2	264
359	Self-diffusion of spheres in a concentrated suspension. Physica A: Statistical Mechanics and Its Applications, 1983, 120, 388-410.	1.2	178
360	Diffusion of spheres in a concentrated suspension: Resummation of many-body hydrodynamic interactions. Physics Letters, Section A: General, Atomic and Solid State Physics, 1983, 98, 22-24.	0.9	59

#	Article	IF	Citations
361	Diffusion of spheres in suspension: Three-body hydrodynamic interaction effects. Physics Letters, Section A: General, Atomic and Solid State Physics, 1982, 91, 290-291.	0.9	63
362	Chirality inversion of Majorana edge modes in a Fu-Kane heterostructure. New Journal of Physics, 0, , .	1.2	0
363	Search for non-Abelian Majorana braiding statistics in superconductors. SciPost Physics Lecture Notes, 0, , .	0.0	61
364	Machine-learning-assisted correction of correlated qubit errors in a topological code. Quantum - the Open Journal for Quantum Science, 0, 2, 48.	0.0	75
365	Supercell symmetry modified spectral statistics of Kramers-Weyl fermions. Journal of Physics A: Mathematical and Theoretical, 0, , .	0.7	0