

Carlo Beenakker

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.

354
papers

31,473
citations

83
h-index

171
g-index

370
ext. papers

34,121
ext. citations

4.6
avg, IF

7.73
L-index

#	Paper	IF	Citations
354	Voltage staircase in a current-biased quantum-dot Josephson junction. <i>Physical Review B</i> , 2021 , 103,	3.3	2
353	Deconfinement of Majorana Vortex Modes Produces a Superconducting Landau Level. <i>Physical Review Letters</i> , 2021 , 126, 226801	7.4	0
352	Universal chiral magnetic effect in the vortex lattice of a Weyl superconductor. <i>Annals of Physics</i> , 2020 , 417, 168103	2.5	2
351	Dynamical Signatures of Ground-State Degeneracy to Discriminate against Andreev Levels in a Majorana Fusion Experiment. <i>Advanced Quantum Technologies</i> , 2020 , 3, 1900110	4.3	2
350	Localization landscape for Dirac fermions. <i>Physical Review B</i> , 2020 , 101,	3.3	4
349	Magnetic breakdown spectrum of a Kramers-Weyl semimetal. <i>New Journal of Physics</i> , 2020 , 22, 093022	2.9	1
348	Time-resolved electrical detection of chiral edge vortex braiding. <i>SciPost Physics</i> , 2020 , 8,	6.1	3
347	Half-integer charge injection by a Josephson junction without excess noise. <i>Physical Review B</i> , 2020 , 102,	3.3	1
346	Deterministic Creation and Braiding of Chiral Edge Vortices. <i>Physical Review Letters</i> , 2019 , 122, 146803	7.4	23
345	Effect of charge renormalization on the electric and thermoelectric transport along the vortex lattice of a Weyl superconductor. <i>Physical Review B</i> , 2019 , 100,	3.3	1
344	Pfaffian Formula for Fermion Parity Fluctuations in a Superconductor and Application to Majorana Fusion Detection. <i>Annalen Der Physik</i> , 2019 , 531, 1900129	2.6	2
343	Electrical detection of the Majorana fusion rule for chiral edge vortices in a topological superconductor 2019 , 6,		3
342	Neural network decoder for topological color codes with circuit level noise. <i>New Journal of Physics</i> , 2019 , 21, 013003	2.9	17
341	Valley-momentum locking in a graphene superlattice with Y-shaped Kekulé bond texture. <i>New Journal of Physics</i> , 2018 , 20, 023016	2.9	23
340	Twisted Fermi surface of a thin-film Weyl semimetal. <i>New Journal of Physics</i> , 2018 , 20, 023023	2.9	14
339	Topologically Protected Landau Level in the Vortex Lattice of a Weyl Superconductor. <i>Physical Review Letters</i> , 2018 , 121, 037701	7.4	10
338	Valley switch in a graphene superlattice due to pseudo-Andreev reflection. <i>Physical Review B</i> , 2018 , 97,	3.3	12

337	Low-high voltage duality in tunneling spectroscopy of the Sachdev-Ye-Kitaev model. <i>Physical Review B</i> , 2018 , 98,	3-3	12
336	Chirality blockade of Andreev reflection in a magnetic Weyl semimetal. <i>Physical Review B</i> , 2017 , 96,	3-3	25
335	Superconductivity Provides Access to the Chiral Magnetic Effect of an Unpaired Weyl Cone. <i>Physical Review Letters</i> , 2017 , 118, 207701	7-4	17
334	Weyl-Majorana solenoid. <i>New Journal of Physics</i> , 2017 , 19, 025006	2-9	17
333	Two-dimensional Josephson vortex lattice and anomalously slow decay of the Fraunhofer oscillations in a ballistic SNS junction with a warped Fermi surface. <i>Physical Review B</i> , 2016 , 94,	3-3	7
332	Magnetic Breakdown and Klein Tunneling in a Type-II Weyl Semimetal. <i>Physical Review Letters</i> , 2016 , 116, 236401	7-4	128
331	Attractor-repeller pair of topological zero modes in a nonlinear quantum walk. <i>Physical Review A</i> , 2016 , 93,	2-6	14
330	Reprint of : Effect of a tunnel barrier on the scattering from a Majorana bound state in an Andreev billiard. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2016 , 82, 106-116	3	1
329	Scattering theory of the chiral magnetic effect in a Weyl semimetal: interplay of bulk Weyl cones and surface Fermi arcs. <i>New Journal of Physics</i> , 2016 , 18, 045009	2-9	43
328	Effect of a tunnel barrier on the scattering from a Majorana bound state in an Andreev billiard. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2016 , 77, 54-64	3	2
327	Wiedemann-Franz-type relation between shot noise and thermal conduction of Majorana surface states in a three-dimensional topological superconductor. <i>Physical Review B</i> , 2016 , 94,	3-3	4
326	PHYSICS. Bringing order to the expanding fermion zoo. <i>Science</i> , 2016 , 353, 539-40	33-3	6
325	Effect of chiral symmetry on chaotic scattering from Majorana zero modes. <i>Physical Review Letters</i> , 2015 , 114, 166803	7-4	14
324	Even-odd flux quanta effect in the Fraunhofer oscillations of an edge-channel Josephson junction. <i>Physical Review B</i> , 2015 , 91,	3-3	17
323	Minimal circuit for a flux-controlled Majorana qubit in a quantum spin-Hall insulator. <i>Physica Scripta</i> , 2015 , T164, 014007	2-6	4
322	Giant Negative Magnetoresistance Driven by Spin-Orbit Coupling at the LaAlO ₃ /SrTiO ₃ Interface. <i>Physical Review Letters</i> , 2015 , 115, 016803	7-4	53
321	Statistical translation invariance protects a topological insulator from interactions. <i>Physical Review B</i> , 2015 , 92,	3-3	36
320	Topologically protected charge transfer along the edge of a chiral p-wave superconductor. <i>Physical Review B</i> , 2015 , 92,	3-3	8

319	Andreev-Bragg Reflection from an Amperian Superconductor. <i>Physical Review Letters</i> , 2015 , 115, 097001	7.4	2
318	Random-matrix theory of Majorana fermions and topological superconductors. <i>Reviews of Modern Physics</i> , 2015 , 87, 1037-1066	40.5	166
317	Quench dynamics of fermion-parity switches in a Josephson junction. <i>Physical Review B</i> , 2015 , 92,	3.3	15
316	Emergence of massless Dirac fermions in graphene's Hofstadter butterfly at switches of the quantum Hall phase connectivity. <i>Physical Review Letters</i> , 2014 , 112, 196602	7.4	32
315	Time-delay matrix, midgap spectral peak, and thermopower of an Andreev billiard. <i>Physical Review B</i> , 2014 , 90,	3.3	15
314	Annihilation of colliding Bogoliubov quasiparticles reveals their Majorana nature. <i>Physical Review Letters</i> , 2014 , 112, 070604	7.4	27
313	X-shaped and Y-shaped Andreev resonance profiles in a superconducting quantum dot. <i>Journal of Experimental and Theoretical Physics</i> , 2014 , 119, 1018-1027	1	19
312	Many-body characterization of particle-conserving topological superfluids. <i>Physical Review Letters</i> , 2014 , 113, 267002	7.4	59
311	Bimodal conductance distribution of Kitaev edge modes in topological superconductors. <i>New Journal of Physics</i> , 2014 , 16, 063049	2.9	20
310	Quantum phase transitions of a disordered antiferromagnetic topological insulator. <i>Physical Review B</i> , 2014 , 89,	3.3	34
309	Disorder and magnetic-field-induced breakdown of helical edge conduction in an inverted electron-hole bilayer. <i>Physical Review B</i> , 2014 , 89,	3.3	21
308	Wigner-Poisson statistics of topological transitions in a Josephson junction. <i>Physical Review Letters</i> , 2013 , 111, 037001	7.4	30
307	Proposal for the detection and braiding of Majorana fermions in a quantum spin Hall insulator. <i>Physical Review B</i> , 2013 , 87,	3.3	51
306	Search for Majorana Fermions in Superconductors. <i>Annual Review of Condensed Matter Physics</i> , 2013 , 4, 113-136	19.7	1201
305	Phase-locked magnetoconductance oscillations as a probe of Majorana edge states. <i>Physical Review B</i> , 2013 , 87,	3.3	13
304	Fermion-parity anomaly of the critical supercurrent in the quantum spin-Hall effect. <i>Physical Review Letters</i> , 2013 , 110, 017003	7.4	94
303	Flux-controlled quantum computation with Majorana fermions. <i>Physical Review B</i> , 2013 , 88,	3.3	199
302	Metallic phase of the quantum Hall effect in four-dimensional space. <i>Physical Review Letters</i> , 2012 , 109, 135701	7.4	19

301	Thermal metal-insulator transition in a helical topological superconductor. <i>Physical Review B</i> , 2012 , 86,	3.3	13
300	Andreev reflection from a topological superconductor with chiral symmetry. <i>Physical Review B</i> , 2012 , 86,	3.3	41
299	A zero-voltage conductance peak from weak antilocalization in a Majorana nanowire. <i>New Journal of Physics</i> , 2012 , 14, 125011	2.9	209
298	Coulomb-assisted braiding of Majorana fermions in a Josephson junction array. <i>New Journal of Physics</i> , 2012 , 14, 035019	2.9	196
297	Metal-topological insulator transition in the quantum kicked rotator with Z2 symmetry. <i>Physical Review B</i> , 2012 , 85,	3.3	13
296	Transmission probability through a L $\bar{\nu}$ glass and comparison with a L $\bar{\nu}$ walk. <i>Physical Review E</i> , 2012 , 85, 021138	2.4	17
295	Measuring Tr $\bar{\nu}$ on single copies of $\bar{\nu}$ using random measurements. <i>Physical Review Letters</i> , 2012 , 108, 110503	7.4	50
294	Scattering theory of topological invariants in nodal superconductors. <i>Physical Review B</i> , 2012 , 86,	3.3	13
293	Coulomb stability of the 4 π -periodic Josephson effect of Majorana fermions. <i>Physical Review B</i> , 2011 , 84,	3.3	91
292	Topological quantum number and critical exponent from conductance fluctuations at the quantum Hall plateau transition. <i>Physical Review B</i> , 2011 , 84,	3.3	26
291	Random-matrix theory of Andreev reflection from a topological superconductor. <i>Physical Review B</i> , 2011 , 83,	3.3	36
290	Effects of disorder on the transmission of nodal fermions through a d-wave superconductor. <i>Physical Review B</i> , 2011 , 83,	3.3	1
289	Quantum point contact as a probe of a topological superconductor. <i>New Journal of Physics</i> , 2011 , 13, 053016	2.9	194
288	Quantized conductance at the Majorana phase transition in a disordered superconducting wire. <i>Physical Review Letters</i> , 2011 , 106, 057001	7.4	203
287	Quantum Hall effect in a one-dimensional dynamical system. <i>Physical Review B</i> , 2011 , 84,	3.3	67
286	Spin-triplet supercurrent carried by quantum Hall edge states through a Josephson junction. <i>Physical Review B</i> , 2011 , 83,	3.3	36
285	Dirac boundary condition at the reconstructed zigzag edge of graphene. <i>Physical Review B</i> , 2011 , 84,	3.3	38
284	The top-transmon: a hybrid superconducting qubit for parity-protected quantum computation. <i>New Journal of Physics</i> , 2011 , 13, 095004	2.9	100

283	Scattering formula for the topological quantum number of a disordered multimode wire. <i>Physical Review B</i> , 2011 , 83,	3.3	119
282	Nernst effect beyond the relaxation-time approximation. <i>Physical Review B</i> , 2011 , 84,	3.3	11
281	Majorana fermions emerging from magnetic nanoparticles on a superconductor without spin-orbit coupling. <i>Physical Review B</i> , 2011 , 84,	3.3	254
280	Domain wall in a chiral p-wave superconductor: a pathway for electrical current. <i>Physical Review Letters</i> , 2010 , 104, 147001	7.4	28
279	Random-matrix theory of thermal conduction in superconducting quantum dots. <i>Physical Review B</i> , 2010 , 82,	3.3	22
278	Flat-lens focusing of electrons on the surface of a topological insulator. <i>Physical Review B</i> , 2010 , 82,	3.3	19
277	Effective mass and tricritical point for lattice fermions localized by a random mass. <i>Physical Review B</i> , 2010 , 81,	3.3	28
276	Absence of a metallic phase in charge-neutral graphene with a random gap. <i>Physical Review B</i> , 2010 , 81,	3.3	34
275	Nonzero temperature effects on antibunched photons emitted by a quantum point contact out of equilibrium. <i>Physical Review B</i> , 2010 , 81,	3.3	8
274	Anyonic interferometry without anyons: how a flux qubit can read out a topological qubit. <i>New Journal of Physics</i> , 2010 , 12, 125002	2.9	132
273	Majorana bound states without vortices in topological superconductors with electrostatic defects. <i>Physical Review Letters</i> , 2010 , 105, 046803	7.4	114
272	Geodesic scattering by surface deformations of a topological insulator. <i>Physical Review B</i> , 2010 , 82,	3.3	10
271	Quantum limit of the triplet proximity effect in half-metal-superconductor junctions. <i>Physical Review B</i> , 2009 , 79,	3.3	41
270	Switching of electrical current by spin precession in the first Landau level of an inverted-gap semiconductor. <i>Physical Review B</i> , 2009 , 80,	3.3	14
269	Hartman effect and spin precession in graphene. <i>Physical Review B</i> , 2009 , 80,	3.3	18
268	Nonalgebraic length dependence of transmission through a chain of barriers with a L^{α} spacing distribution. <i>Physical Review B</i> , 2009 , 79,	3.3	30
267	Extinction of coherent backscattering by a disordered photonic crystal with a Dirac spectrum. <i>Europhysics Letters</i> , 2009 , 85, 14005	1.6	19
266	Pseudodiffusive transmission of nodal Dirac fermions through a clean d-wave superconductor. <i>Physical Review B</i> , 2009 , 80,	3.3	1

265	Theory of the topological anderson insulator. <i>Physical Review Letters</i> , 2009 , 103, 196805	7.4	245
264	Electrically detected interferometry of Majorana fermions in a topological insulator. <i>Physical Review Letters</i> , 2009 , 102, 216404	7.4	462
263	Quantum Goos-Hänchen effect in graphene. <i>Physical Review Letters</i> , 2009 , 102, 146804	7.4	177
262	Two-photon speckle as a probe of multi-dimensional entanglement. <i>Physical Review Letters</i> , 2009 , 102, 193601	7.4	31
261	Boundary conditions for Dirac fermions on a terminated honeycomb lattice. <i>Physical Review B</i> , 2008 , 77,	3.3	344
260	Colloquium: Andreev reflection and Klein tunneling in graphene. <i>Reviews of Modern Physics</i> , 2008 , 80, 1337-1354	40.5	961
259	Correspondence between Andreev reflection and Klein tunneling in bipolar graphene. <i>Physical Review B</i> , 2008 , 77,	3.3	38
258	Theory of the valley-valve effect in graphene nanoribbons. <i>Physical Review B</i> , 2008 , 77,	3.3	134
257	Electronic shot noise in fractal conductors. <i>Physical Review Letters</i> , 2008 , 100, 176804	7.4	14
256	Proposed method for detection of the pseudospin-1/2 Berry phase in a photonic crystal with a Dirac spectrum. <i>Physical Review B</i> , 2008 , 78,	3.3	39
255	Calculation of the conductance of a graphene sheet using the Chalker-Coddington network model. <i>Physical Review B</i> , 2008 , 78,	3.3	21
254	Finite difference method for transport properties of massless Dirac fermions. <i>Physical Review B</i> , 2008 , 78,	3.3	51
253	Splitting of Andreev levels in a Josephson junction by spin-orbit coupling. <i>Physical Review B</i> , 2008 , 77,	3.3	35
252	Numerical test of the theory of pseudo-diffusive transmission at the Dirac point of a photonic band structure. <i>Optics Communications</i> , 2008 , 281, 5267-5270	2	17
251	Splitting of a Cooper pair by a pair of Majorana bound states. <i>Physical Review Letters</i> , 2008 , 101, 120403	7.4	340
250	Excitation gap of a graphene channel with superconducting boundaries. <i>Physical Review B</i> , 2007 , 75,	3.3	63
249	Ballistic transmission through a graphene bilayer. <i>Physical Review B</i> , 2007 , 75,	3.3	139
248	Anomalously large conductance fluctuations in weakly disordered graphene. <i>Europhysics Letters</i> , 2007 , 79, 57003	1.6	132

247	Reentrance effect in a graphene $n\bar{p}\bar{n}$ junction coupled to a superconductor. <i>Physical Review B</i> , 2007 , 75,	3.3	40
246	Detection of valley polarization in graphene by a superconducting contact. <i>Physical Review Letters</i> , 2007 , 98, 157003	7.4	140
245	Valley filter and valley valve in graphene. <i>Nature Physics</i> , 2007 , 3, 172-175	16.2	1189
244	Effect of spin-orbit coupling on the excitation spectrum of Andreev billiards. <i>Physical Review B</i> , 2007 , 75,	3.3	2
243	Valley-isospin dependence of the quantum Hall effect in a graphene $p\bar{n}$ junction. <i>Physical Review B</i> , 2007 , 76,	3.3	59
242	Pseudodiffusive conduction at the Dirac point of a normal-superconductor junction in graphene. <i>Physical Review B</i> , 2007 , 75,	3.3	31
241	Extremal transmission at the Dirac point of a photonic band structure. <i>Physical Review A</i> , 2007 , 75,	2.6	189
240	One-parameter scaling at the dirac point in graphene. <i>Physical Review Letters</i> , 2007 , 99, 106801	7.4	260
239	Aharonov-Bohm effect and broken valley degeneracy in graphene rings. <i>Physical Review B</i> , 2007 , 76,	3.3	215
238	How spin-orbit interaction can cause electronic shot noise. <i>Europhysics Letters</i> , 2006 , 76, 115-120	1.6	6
237	All-electronic coherent population trapping in quantum dots. <i>Europhysics Letters</i> , 2006 , 73, 677-683	1.6	89
236	Voltage probe model of spin decay in a chaotic quantum dot with applications to spin-flip noise and entanglement production. <i>Physical Review B</i> , 2006 , 73,	3.3	9
235	Excess conductance of a spin-filtering quantum dot. <i>Physical Review B</i> , 2006 , 73,	3.3	8
234	Degradation of electron-hole entanglement by spin-orbit coupling. <i>Physical Review B</i> , 2006 , 74,	3.3	2
233	Deterministic quantum state transfer from an electronic charge qubit to a photonic polarization qubit. <i>Physical Review B</i> , 2006 , 73,	3.3	3
232	Counting statistics of coherent population trapping in quantum dots. <i>Physical Review B</i> , 2006 , 74,	3.3	53
231	Specular Andreev reflection in graphene. <i>Physical Review Letters</i> , 2006 , 97, 067007	7.4	555
230	Josephson effect in ballistic graphene. <i>Physical Review B</i> , 2006 , 74,	3.3	239

229	Parity meter for charge qubits: An efficient quantum entangler. <i>Physical Review B</i> , 2006 , 73,	3.3	62
228	Sub-Poissonian shot noise in graphene. <i>Physical Review Letters</i> , 2006 , 96, 246802	7.4	693
227	Optimal spin-entangled electron-hole pair pump. <i>Physical Review Letters</i> , 2005 , 94, 186804	7.4	44
226	Andreev Billiards. <i>Lecture Notes in Physics</i> , 2005 , 131-174	0.8	41
225	Transfer of entanglement from electrons to photons by optical selection rules. <i>New Journal of Physics</i> , 2005 , 7, 186-186	2.9	11
224	Stub model for dephasing in a quantum dot. <i>Journal of Physics A</i> , 2005 , 38, 10639-10646		9
223	Quantum-to-classical crossover for Andreev billiards in a magnetic field. <i>Physical Review B</i> , 2005 , 72,	3.3	14
222	Stroboscopic model of transport through a quantum dot with spin-orbit scattering. <i>Physical Review B</i> , 2005 , 72,	3.3	10
221	Emission of polarization-entangled microwave photons from a pair of quantum dots. <i>Physical Review Letters</i> , 2005 , 95, 127401	7.4	27
220	Production and detection of three-qubit entanglement in the Fermi sea. <i>Physical Review B</i> , 2004 , 69,	3.3	11
219	Exponential sensitivity to dephasing of electrical conduction through a quantum dot. <i>Physical Review Letters</i> , 2004 , 93, 186806	7.4	16
218	Antibunched photons emitted by a quantum point contact out of equilibrium. <i>Physical Review Letters</i> , 2004 , 93, 096801	7.4	52
217	Quantum-to-classical crossover of mesoscopic conductance fluctuations. <i>Physical Review B</i> , 2004 , 69,	3.3	28
216	Entanglement in mesoscopic structures: Role of projection. <i>Physical Review B</i> , 2004 , 69,	3.3	38
215	Feedback of the electromagnetic environment on current and voltage fluctuations out of equilibrium. <i>Physical Review B</i> , 2004 , 69,	3.3	35
214	Weak localization of the open kicked rotator. <i>Physical Review B</i> , 2004 , 70,	3.3	14
213	Transition from pure-state to mixed-state entanglement by random scattering. <i>Physical Review A</i> , 2004 , 70,	2.6	6
212	Relation between entanglement measures and Bell inequalities for three qubits. <i>Physical Review A</i> , 2004 , 69,	2.6	23

211	Charge detection enables free-electron quantum computation. <i>Physical Review Letters</i> , 2004 , 93, 020501	7.4	137
210	Quantum teleportation by particle-hole annihilation in the Fermi sea. <i>Physical Review Letters</i> , 2004 , 92, 056801	7.4	47
209	Entanglement Production in a Chaotic Quantum Dot 2004 , 167-177		1
208	Quantum Shot Noise. <i>Physics Today</i> , 2003 , 56, 37-42	0.9	147
207	Temperature-dependent third cumulant of tunneling noise. <i>Physical Review Letters</i> , 2003 , 90, 176802	7.4	61
206	Hypersensitivity to perturbations of quantum-chaotic wave-packet dynamics. <i>Physical Review E</i> , 2003 , 67, 025204	2.4	39
205	Anomalous power law of quantum reversibility for classically regular dynamics. <i>Europhysics Letters</i> , 2003 , 61, 729-735	1.6	35
204	Proposal for production and detection of entangled electron-hole pairs in a degenerate electron gas. <i>Physical Review Letters</i> , 2003 , 91, 147901	7.4	170
203	Quasiclassical fluctuations of the superconductor proximity gap in a chaotic system. <i>Physical Review B</i> , 2003 , 68,	3.3	13
202	Adiabatic quantization of Andreev quantum billiard levels. <i>Physical Review Letters</i> , 2003 , 90, 116801	7.4	35
201	Dynamical model for the quantum-to-classical crossover of shot noise. <i>Physical Review B</i> , 2003 , 68,	3.3	45
200	Quantum Andreev map: a paradigm of quantum chaos in superconductivity. <i>Physical Review Letters</i> , 2003 , 90, 207004	7.4	47
199	Distribution of voltage fluctuations in a current-biased conductor. <i>Physical Review Letters</i> , 2003 , 90, 246805	7.4	28
198	Reply to Comment on Ehrenfest times for classically chaotic systems <i>Physical Review E</i> , 2003 , 68,	2.4	1
197	Noiseless scattering states in a chaotic cavity. <i>Physical Review B</i> , 2003 , 67,	3.3	40
196	Crossover from weak localization to weak antilocalization in a disordered microbridge. <i>Physical Review B</i> , 2003 , 67,	3.3	2
195	Scattering theory of plasmon-assisted entanglement transfer and distillation. <i>Physical Review A</i> , 2003 , 68,	2.6	15
194	Ehrenfest-time-dependent excitation gap in a chaotic Andreev billiard. <i>Physical Review Letters</i> , 2002 , 89, 237002	7.4	20

193	Quantum optical communication rates through an amplifying random medium. <i>Physical Review Letters</i> , 2002 , 89, 043902	7.4	13
192	Ehrenfest times for classically chaotic systems. <i>Physical Review E</i> , 2002 , 65, 035208	2.4	25
191	Electromechanical noise in a diffusive conductor. <i>Physical Review Letters</i> , 2002 , 88, 228303	7.4	12
190	Quantum theory of electromechanical noise and momentum transfer statistics. <i>Physical Review B</i> , 2002 , 66,	3.3	8
189	Multiple-path interferometer with a single quantum obstacle. <i>Europhysics Letters</i> , 2002 , 57, 651-657	1.6	8
188	Momentum noise in a quantum point contact. <i>Physical Review B</i> , 2002 , 66,	3.3	2
187	Manipulation of photon statistics of highly degenerate incoherent radiation. <i>Physical Review Letters</i> , 2002 , 88, 063601	7.4	13
186	Decay of the Loschmidt echo for quantum states with sub-planck-scale structures. <i>Physical Review Letters</i> , 2002 , 89, 154103	7.4	62
185	Microscopic versus mesoscopic local density of states in one-dimensional localization. <i>Physical Review B</i> , 2002 , 65,	3.3	21
184	Frequency dependence of the photonic noise spectrum in an absorbing or amplifying diffusive medium. <i>European Physical Journal D</i> , 2001 , 13, 289-297	1.3	6
183	Distribution of the reflection eigenvalues of a weakly absorbing chaotic cavity. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2001 , 9, 463-466	3	52
182	Effect of dephasing on charge-counting statistics in chaotic cavities. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2001 , 11, 1-7	3	28
181	Effect of inelastic scattering on the average Coulomb-blockade peak height in quantum dots. <i>Physical Review B</i> , 2001 , 64,	3.3	12
180	Andreev levels in a single-channel conductor. <i>Physical Review B</i> , 2001 , 64,	3.3	3
179	Negative superfluid density: Mesoscopic fluctuations and reverse of the supercurrent through a disordered Josephson junction. <i>Physical Review B</i> , 2001 , 65,	3.3	3
178	Limits to error correction in quantum chaos. <i>Physical Review Letters</i> , 2001 , 86, 5192-5	7.4	11
177	Golden rule decay versus Lyapunov decay of the quantum Loschmidt echo. <i>Physical Review E</i> , 2001 , 64, 055203	2.4	201
176	Counting statistics of photons produced by electronic shot noise. <i>Physical Review Letters</i> , 2001 , 86, 700-7.4	7.4	87

175	Localization-induced coherent backscattering effect in wave dynamics. <i>Physical Review E</i> , 2001 , 63, 026605	2.6	11
174	Universal gap fluctuations in the superconductor proximity effect. <i>Physical Review Letters</i> , 2001 , 86, 87474	7.4	48
173	Single-Mode Delay Time Statistics for Scattering by a Chaotic Cavity. <i>Physica Scripta</i> , 2001 , T90, 278	2.6	1
172	Dynamics of localization in a waveguide 2001 , 489-508		4
171	Quantum limit of the laser line width in chaotic cavities and statistics of residues of scattering matrix poles. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2000 , 278, 469-496	3.3	71
170	Quantum-limited linewidth of a chaotic laser cavity. <i>Physical Review A</i> , 2000 , 61,	2.6	30
169	Coherent backscattering effect on wave dynamics in a random medium. <i>Europhysics Letters</i> , 2000 , 52, 518-524	1.6	7
168	Photonic excess noise and wave localization. <i>Physical Review A</i> , 2000 , 61,	2.6	10
167	Signature of wave localization in the time dependence of a reflected pulse. <i>Physical Review Letters</i> , 2000 , 85, 3388-91	7.4	14
166	Hierarchical model for the scale-dependent velocity of waves in random media. <i>Physical Review Letters</i> , 2000 , 85, 674-6	7.4	4
165	Search for two-scale localization in disordered wires in a magnetic field. <i>Physical Review Letters</i> , 2000 , 84, 3927-9	7.4	11
164	Scaling at the chaos threshold for interacting electrons in a quantum Dot. <i>Physical Review Letters</i> , 2000 , 84, 3414-7	7.4	19
163	Large Petermann factor in chaotic cavities with many scattering channels. <i>Europhysics Letters</i> , 2000 , 49, 48-54	1.6	45
162	Propagation of squeezed radiation through amplifying or absorbing random media. <i>Physical Review A</i> , 2000 , 61,	2.6	25
161	Why Does a Metal-Superconductor Junction Have a Resistance? 2000 , 51-60		4
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