Karsten Flensberg

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.

165 8,680 51 89 g-index

175 10,246 5.6 6.57 ext. papers ext. citations avg, IF L-index

#	Paper	IF	Citations
165	Three-phase Majorana zero modes at tiny magnetic fields. <i>Physical Review B</i> , 2021 , 103,	3.3	3
164	Topological superconductivity in semiconductor superconductor superic-insulator heterostructures. <i>Physical Review B</i> , 2021 , 103,	3.3	5
163	Flux-induced topological superconductivity in full-shell nanowires. <i>Science</i> , 2020 , 367,	33.3	61
162	Long-distance coherence of Majorana wires. <i>Physical Review B</i> , 2020 , 101,	3.3	1
161	Photon-assisted resonant Andreev reflections: Yu-Shiba-Rusinov and Majorana states. <i>Physical Review B</i> , 2020 , 102,	3.3	4
160	Absence of supercurrent sign reversal in a topological junction with a quantum dot. <i>Physical Review B</i> , 2020 , 101,	3.3	9
159	Timescales for charge transfer based operations on Majorana systems. <i>Physical Review B</i> , 2020 , 101,	3.3	2
158	Weak Measurement Protocols for Majorana Bound State Identification. <i>Physical Review Letters</i> , 2020 , 124, 096801	7.4	20
157	Conductance-Matrix Symmetries of a Three-Terminal Hybrid Device. <i>Physical Review Letters</i> , 2020 , 124, 036802	7.4	22
156	Nonlocal Conductance Spectroscopy of Andreev Bound States: Symmetry Relations and BCS Charges. <i>Physical Review Letters</i> , 2020 , 124, 036801	7.4	16
155	Parity-to-charge conversion in Majorana qubit readout. <i>Physical Review Research</i> , 2020 , 2,	3.9	11
154	Fidelity and visibility loss in Majorana qubits by entanglement with environmental modes. <i>Physical Review B</i> , 2019 , 99,	3.3	9
153	Coulomb-interaction-induced Majorana edge modes in nanowires. <i>Physical Review B</i> , 2019 , 100,	3.3	1
152	Current-Induced Gap Opening in Interacting Topological Insulator Surfaces. <i>Physical Review Letters</i> , 2019 , 123, 246803	7.4	5
151	Coulomb Blockade of a Nearly Open Majorana Island. <i>Physical Review Letters</i> , 2019 , 122, 016801	7.4	6
150	Anharmonicity of a superconducting qubit with a few-mode Josephson junction. <i>Physical Review B</i> , 2018 , 97,	3.3	27
149	Distinguishing Majorana bound states from localized Andreev bound states by interferometry. <i>Physical Review B</i> , 2018 , 97,	3.3	39

(2016-2018)

148	Probing electron-hole components of subgap states in Coulomb blockaded Majorana islands. <i>Physical Review B</i> , 2018 , 97,	3.3	17
147	Hybridization at Superconductor-Semiconductor Interfaces. <i>Physical Review X</i> , 2018 , 8,	9.1	50
146	Four-Majorana qubit with charge readout: Dynamics and decoherence. <i>Physical Review B</i> , 2018 , 98,	3.3	12
145	Hybridization of Subgap States in One-Dimensional Superconductor-Semiconductor Coulomb Islands. <i>Physical Review Letters</i> , 2018 , 121, 256803	7.4	15
144	Two-Dimensional Platform for Networks of Majorana Bound States. <i>Physical Review Letters</i> , 2017 , 118, 107701	7.4	79
143	Anomalous Fraunhofer interference in epitaxial superconductor-semiconductor Josephson junctions. <i>Physical Review B</i> , 2017 , 95,	3.3	37
142	Transport Signatures of Quasiparticle Poisoning in a Majorana Island. <i>Physical Review Letters</i> , 2017 , 118, 137701	7.4	62
141	Majorana box qubits. <i>New Journal of Physics</i> , 2017 , 19, 012001	2.9	172
140	Scaling of Majorana Zero-Bias Conductance Peaks. <i>Physical Review Letters</i> , 2017 , 119, 136803	7.4	221
139	Conductance spectroscopy on Majorana wires and the inverse proximity effect. <i>Physical Review B</i> , 2017 , 96,	3.3	19
138	Coupling and braiding Majorana bound states in networks defined in two-dimensional electron gases with proximity-induced superconductivity. <i>Physical Review B</i> , 2017 , 96,	3.3	25
137	Scalable designs for quasiparticle-poisoning-protected topological quantum computation with Majorana zero modes. <i>Physical Review B</i> , 2017 , 95,	3.3	305
136	Roadmap to Majorana surface codes. <i>Physical Review B</i> , 2016 , 94,	3.3	84
135	Braiding properties of Majorana Kramers pairs. <i>Physical Review B</i> , 2016 , 93,	3.3	11
134	Phase-tunable Majorana bound states in a topological N-SNS junction. <i>Physical Review B</i> , 2016 , 93,	3.3	21
133	Self-organized topological superconductivity in a Yu-Shiba-Rusinov chain. <i>Physical Review B</i> , 2016 , 93,	3.3	37
132	Time scales for Majorana manipulation using Coulomb blockade in gate-controlled superconducting nanowires. <i>Physical Review B</i> , 2016 , 94,	3.3	19
131	Effects of spin-orbit coupling and spatial symmetries on the Josephson current in SNS junctions. <i>Physical Review B</i> , 2016 , 93,	3.3	17

130	Quantized conductance doubling and hard gap in a two-dimensional semiconductor-superconductor heterostructure. <i>Nature Communications</i> , 2016 , 7, 12841	17.4	106
129	Spiral magnetic order and topological superconductivity in a chain of magnetic adatoms on a two-dimensional superconductor. <i>Physical Review B</i> , 2016 , 94,	3.3	23
128	Majorana bound state in a coupled quantum-dot hybrid-nanowire system. <i>Science</i> , 2016 , 354, 1557-1562	² 33.3	581
127	Signatures of Majorana Kramers pairs in superconductor-Luttinger liquid and superconductor-quantum dot-normal lead junctions. <i>Physical Review B</i> , 2016 , 94,	3.3	7
126	Quantum charge fluctuations of a proximitized nanowire. <i>Physical Review B</i> , 2016 , 94,	3.3	10
125	Interaction-driven topological superconductivity in one dimension. <i>Physical Review B</i> , 2016 , 94,	3.3	21
124	No-go theorem for a time-reversal invariant topological phase in noninteracting systems coupled to conventional superconductors. <i>Physical Review B</i> , 2016 , 94,	3.3	24
123	Milestones Toward Majorana-Based Quantum Computing. <i>Physical Review X</i> , 2016 , 6,	9.1	258
122	Spin-Lattice Order in One-Dimensional Conductors: Beyond the RKKY Effect. <i>Physical Review Letters</i> , 2015 , 114, 247205	7.4	13
121	Quantum transport in carbon nanotubes. <i>Reviews of Modern Physics</i> , 2015 , 87, 703-764	40.5	229
121	Quantum transport in carbon nanotubes. <i>Reviews of Modern Physics</i> , 2015 , 87, 703-764 Parity lifetime of bound states in a proximitized semiconductor nanowire. <i>Nature Physics</i> , 2015 , 11, 101		
120	Parity lifetime of bound states in a proximitized semiconductor nanowire. <i>Nature Physics</i> , 2015 , 11, 101 Interaction effects on proximity-induced superconductivity in semiconducting nanowires. <i>Physical</i>	7 <u>1</u> 6021	129
120	Parity lifetime of bound states in a proximitized semiconductor nanowire. <i>Nature Physics</i> , 2015 , 11, 101 Interaction effects on proximity-induced superconductivity in semiconducting nanowires. <i>Physical Review B</i> , 2015 , 91, Nonlocal damping of helimagnets in one-dimensional interacting electron systems. <i>Physical Review</i>	7± 602 1	129
120 119 118	Parity lifetime of bound states in a proximitized semiconductor nanowire. <i>Nature Physics</i> , 2015 , 11, 101 Interaction effects on proximity-induced superconductivity in semiconducting nanowires. <i>Physical Review B</i> , 2015 , 91, Nonlocal damping of helimagnets in one-dimensional interacting electron systems. <i>Physical Review B</i> , 2015 , 92, Environmental Coulomb blockade of topological superconductor-normal metal junctions. <i>Physical</i>	7±6021 3·3 3·3	129 13 5
120 119 118	Parity lifetime of bound states in a proximitized semiconductor nanowire. <i>Nature Physics</i> , 2015 , 11, 101 Interaction effects on proximity-induced superconductivity in semiconducting nanowires. <i>Physical Review B</i> , 2015 , 91, Nonlocal damping of helimagnets in one-dimensional interacting electron systems. <i>Physical Review B</i> , 2015 , 92, Environmental Coulomb blockade of topological superconductor-normal metal junctions. <i>Physical Review B</i> , 2015 , 92, Yu-Shiba-Rusinov states in phase-biased superconductor quantum dot superconductor junctions.	7±6021 3-3 3-3	129 13 5
120 119 118 117	Parity lifetime of bound states in a proximitized semiconductor nanowire. <i>Nature Physics</i> , 2015 , 11, 101 Interaction effects on proximity-induced superconductivity in semiconducting nanowires. <i>Physical Review B</i> , 2015 , 91, Nonlocal damping of helimagnets in one-dimensional interacting electron systems. <i>Physical Review B</i> , 2015 , 92, Environmental Coulomb blockade of topological superconductor-normal metal junctions. <i>Physical Review B</i> , 2015 , 92, Yu-Shiba-Rusinov states in phase-biased superconductor quantum dot uperconductor junctions. <i>Physical Review B</i> , 2015 , 92, Majorana bound states in two-channel time-reversal-symmetric nanowire systems. <i>Physical Review</i>	7±6021 3-3 3-3 3-3	129 13 5 2 34

(2011-2014)

112	Tunnel spectroscopy of Majorana bound states in topological superconductor/quantum dot Josephson junctions. <i>Physical Review B</i> , 2014 , 90,	3.3	10
111	Coupling spin qubits via superconductors. <i>Physical Review Letters</i> , 2013 , 111, 060501	7.4	32
110	Organic Thermoelectric Power Devices 2013 , 467-486		
109	Introduction to topological superconductivity and Majorana fermions. <i>Semiconductor Science and Technology</i> , 2012 , 27, 124003	1.8	505
108	Spin-orbit-induced strong coupling of a single spin to a nanomechanical resonator. <i>Physical Review Letters</i> , 2012 , 108, 206811	7.4	76
107	Cotunneling renormalization in carbon nanotube quantum dots. <i>Physical Review B</i> , 2012 , 86,	3.3	5
106	Parity qubits and poor man's Majorana bound states in double quantum dots. <i>Physical Review B</i> , 2012 , 86,	3.3	52
105	Majorana fermions in superconducting nanowires without spin-orbit coupling. <i>Physical Review B</i> , 2012 , 85,	3.3	125
104	Dephasing and hyperfine interaction in carbon nanotubes double quantum dots: Disordered case. <i>Physical Review B</i> , 2012 , 85,	3.3	11
103	Emerging Dirac and Majorana fermions for carbon nanotubes with proximity-induced pairing and spiral magnetic field. <i>Physical Review B</i> , 2012 , 85,	3.3	25
102	Magnetic-field dependence of tunnel couplings in carbon nanotube quantum dots. <i>Physical Review Letters</i> , 2012 , 108, 176802	7.4	29
101	Hybrid topological-spin qubit systems for two-qubit-spin gates. <i>Physical Review B</i> , 2012 , 86,	3.3	26
100	Finite-bias conductance anomalies at a singlet-triplet crossing. <i>Physical Review B</i> , 2012 , 86,	3.3	5
99	Gate-dependent spinBrbit coupling in multielectron carbon nanotubes. <i>Nature Physics</i> , 2011 , 7, 348-353	3 16.2	116
98	Non-Abelian operations on Majorana fermions via single-charge control. <i>Physical Review Letters</i> , 2011 , 106, 090503	7.4	158
97	Nonequilibrium transport through a spinful quantum dot with superconducting leads. <i>Physical Review Letters</i> , 2011 , 107, 256802	7.4	31
96	Interaction-induced negative differential resistance in asymmetric molecular junctions. <i>Journal of Chemical Physics</i> , 2011 , 134, 104107	3.9	23
95	Image charge effects in single-molecule junctions: Breaking of symmetries and negative-differential resistance in a benzene single-electron transistor. <i>Physical Review B</i> , 2011 , 84,	3.3	35

94	Dephasing and hyperfine interaction in carbon nanotube double quantum dots: The clean limit. <i>Physical Review B</i> , 2011 , 84,	3.3	11
93	Gate-dependent orbital magnetic moments in carbon nanotubes. <i>Physical Review Letters</i> , 2011 , 186802	7.4	17
92	Quantum information transfer between topological and spin qubit systems. <i>Physical Review Letters</i> , 2011 , 107, 210502	7∙4	89
91	Scheme to measure Majorana fermion lifetimes using a quantum dot. <i>Physical Review B</i> , 2011 , 84,	3.3	95
90	Number conserving theory for topologically protected degeneracy in one-dimensional fermions. <i>Physical Review B</i> , 2011 , 84,	3.3	8o
89	Exchange cotunneling through quantum dots with spin-orbit coupling. <i>Physical Review B</i> , 2010 , 82,	3.3	18
88	Bends in nanotubes allow electric spin control and coupling. <i>Physical Review B</i> , 2010 , 81,	3.3	75
87	Nonequilibrium transport via spin-induced subgap states in superconductor/quantum dot/normal metal cotunnel junctions. <i>Physical Review B</i> , 2010 , 82,	3.3	39
86	Nonlinear thermoelectric properties of molecular junctions with vibrational coupling. <i>Physical Review B</i> , 2010 , 82,	3.3	111
85	Transport via coupled states in a C60 peapod quantum dot. <i>Physical Review B</i> , 2010 , 81,	3.3	22
84	Electrical manipulation of spin states in a single electrostatically gated transition-metal complex. <i>Nano Letters</i> , 2010 , 10, 105-10	11.5	145
83	Tunneling characteristics of a chain of Majorana bound states. <i>Physical Review B</i> , 2010 , 82,	3.3	345
82	Spin-orbit effects in carbon-nanotube double quantum dots. <i>Physical Review B</i> , 2010 , 82,	3.3	32
81	Superconductivity-enhanced bias spectroscopy in carbon nanotube quantum dots. <i>Physical Review B</i> , 2009 , 79,	3.3	39
8o	Interplay between interference and Coulomb interaction in the ferromagnetic Anderson model with applied magnetic field. <i>Physical Review B</i> , 2009 , 79,	3.3	14
79	Critical and excess current through an open quantum dot: Temperature and magnetic-field dependence. <i>Physical Review B</i> , 2009 , 79,	3.3	14
78	Delayation and dephasing in a two electron 12C panetube double guantum det. Obusies Deview		
Ĺ	Relaxation and dephasing in a two-electron 13C nanotube double quantum dot. <i>Physical Review Letters</i> , 2009 , 102, 166802	7.4	110

(2005-2009)

76	Mesoscopic conductance fluctuations in InAs nanowire-based SNS junctions. <i>New Journal of Physics</i> , 2009 , 11, 113025	2.9	25
75	SingletEriplet physics and shell filling in carbon nanotube double quantum dots. <i>Nature Physics</i> , 2008 , 4, 536-539	16.2	29
74	Strong polarization-induced reduction of addition energies in single-molecule nanojunctions. <i>Nano Letters</i> , 2008 , 8, 3809-14	11.5	103
73	Gate-dependent tunneling-induced level shifts observed in carbon nanotube quantum dots. <i>Physical Review B</i> , 2008 , 77,	3.3	36
72	Coulomb blockade of a three-terminal quantum dot. <i>Physical Review B</i> , 2008 , 77,	3.3	4
71	Critical current 0-pi transition in designed Josephson Quantum Dot junctions. <i>Nano Letters</i> , 2007 , 7, 244	1 1-15 5	111
70	Crystalline Magnetotunnel Junctions: Fe-mgo-fe, Fe-feomgo-fe And Fe-aumgoau-fe. <i>Molecular Simulation</i> , 2007 , 33, 557-561	2	5
69	Electronic transport in crystalline magnetotunnel junctions: effects of structural disorder. <i>Journal of Computer-Aided Materials Design</i> , 2007 , 14, 141-149		8
68	Three-particle collisions in quantum wires: Corrections to thermopower and conductance. <i>Physical Review B</i> , 2007 , 75,	3.3	69
67	Kondo-enhanced Andreev tunneling in InAs nanowire quantum dots. <i>Physical Review Letters</i> , 2007 , 99, 126603	7.4	102
66	Spin-orbit induced spin-qubit control in nanowires. <i>Journal of Physics: Conference Series</i> , 2007 , 61, 302-3	06 3	5
65	ElectronNibron coupling in suspended nanotubes. <i>New Journal of Physics</i> , 2006 , 8, 5-5	2.9	17
64	Interaction-induced resonance in conductance and thermopower of quantum wires. <i>Physical Review Letters</i> , 2006 , 97, 256802	7.4	39
63	Spin-orbit mediated control of spin qubits. <i>Physical Review Letters</i> , 2006 , 97, 240501	7.4	115
62	Electron transport in single-wall carbon nanotube weak links in the Fabry-Perot regime. <i>Physical Review Letters</i> , 2006 , 96, 207003	7.4	95
61	Electron transfer dynamics of bistable single-molecule junctions. <i>Nano Letters</i> , 2006 , 6, 2184-90	11.5	33
60	Intershell resistance in multiwall carbon nanotubes: A Coulomb drag study. <i>Physical Review B</i> , 2005 , 71,	3.3	32
59	On the Mott formula for the thermopower of non-interacting electrons in quantum point contacts. Journal of Physics Condensed Matter, 2005 , 17, 3879-84	1.8	53

58	Noncollinear magnetoconductance of a quantum dot. Physical Review B, 2005, 72,	3.3	32
57	Weak Coulomb blockade effect in quantum dots. <i>Physical Review Letters</i> , 2005 , 94, 136801	7.4	12
56	Josephson current through a molecular transistor in a dissipative environment. <i>Physical Review B</i> , 2005 , 72,	3.3	39
55	Rectification in single molecular dimers with strong polaron effect. <i>Physical Review B</i> , 2005 , 71,	3.3	19
54	Nonequilibrium theory of Coulomb blockade in open quantum dots. <i>Physical Review B</i> , 2005 , 72,	3.3	65
53	Vibrational sidebands and the Kondo effect in molecular transistors. <i>Physical Review Letters</i> , 2005 , 94, 176801	7.4	93
52	Dissipative tunneling and orthogonality catastrophe in molecular transistors. <i>Physical Review B</i> , 2004 , 70,	3.3	14
51	Tunneling broadening of vibrational sidebands in molecular transistors. <i>Physical Review B</i> , 2003 , 68,	3.3	152
50	Vibrational sidebands and dissipative tunneling in molecular transistors. <i>Physical Review B</i> , 2003 , 68,	3.3	228
49	Conductance of Rashba spin-split systems with ferromagnetic contacts. <i>Physical Review B</i> , 2002 , 66,	3.3	34
48	Sign reversal of drag in bilayer systems with in-plane periodic potential modulation. <i>Physical Review B</i> , 2002 , 66,	3.3	7
47	Mesoscopic fluctuations of Coulomb drag between quasiballistic one-dimensional wires. <i>Physical Review B</i> , 2002 , 65,	3.3	14
46	The anomalous 0.5 and 0.7 conductance plateaus in quantum point contacts. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2001 , 10, 97-102	3	67
45	Diffusion equation and spin drag in spin-polarized transport. <i>Physical Review B</i> , 2001 , 64,	3.3	64
44	Coulomb drag in coherent mesoscopic systems. <i>Physical Review Letters</i> , 2001 , 86, 1841-4	7.4	32
43	Dephasing in semiconductor Superconductor structures by coupling to a voltage probe. Superlattices and Microstructures, 2000 , 28, 67-76	2.8	10
42	Screening, Nonadiabaticity, and Quantized Acoustoelectric Current. <i>Journal of Low Temperature Physics</i> , 2000 , 118, 571-577	1.3	3
41	Conductance enhancement in quantum-point-contact semiconductor-superconductor devices. <i>Physical Review B</i> , 1999 , 60, 13762-13769	3.3	7

40	Angle dependence of Andreev scattering at semiconductor uperconductor interfaces. <i>Physical Review B</i> , 1999 , 59, 10176-10182	3.3	55
39	Nonadiabaticity and single-electron transport driven by surface acoustic waves. <i>Physical Review B</i> , 1999 , 60, R16291-R16294	3.3	59
38	Contact resistance of quantum tubes. Superlattices and Microstructures, 1999, 26, 351-361	2.8	5
37	TOWARDS SINGLE-ELECTRON METROLOGY. International Journal of Modern Physics B, 1999 , 13, 2651-2	.6 <u>8</u> 7	24
36	Frictional drag mediated by acoustic phonons. <i>Physica B: Condensed Matter</i> , 1998 , 249-251, 864-867	2.8	2
35	Electron lelectron scattering between closely spaced two-dimensional electron gases. <i>Physica B: Condensed Matter</i> , 1998 , 249-251, 868-872	2.8	11
34	Localized plasmons in point contacts. Semiconductor Science and Technology, 1998, 13, A30-A32	1.8	8
33	Frictional drag between quantum wells mediated by phonon exchange. <i>Physical Review B</i> , 1998 , 57, 708	35 5. 7310	2 51
32	Coulomb Drag of Luttinger Liquids and Quantum Hall Edges. <i>Physical Review Letters</i> , 1998 , 81, 184-187	7.4	44
31	Microscopic Theory of Transconductivity. VLSI Design, 1998, 6, 87-90		
30	Frictional Coulomb drag in strong magnetic fields. <i>Physical Review B</i> , 1997 , 56, 10314-10325	3.3	24
29	Correlation Effects on the Coupled Plasmon Modes of a Double Quantum Well. <i>Physical Review Letters</i> , 1997 , 78, 2204-2207	7.4	87
28	Coherent-photon-assisted cotunneling in a Coulomb blockade device. <i>Physical Review B</i> , 1997 , 55, 1311	8 ₃ .1 ₃ 312	2 3⊵2
27	Electron-electron scattering in linear transport in two-dimensional systems. <i>Physical Review B</i> , 1996 , 53, 10072-10077	3.3	14
26	Scaling of the Coulomb blockade. <i>Physica B: Condensed Matter</i> , 1996 , 218, 269-271	2.8	
25	Magneto-Coulomb Drag: Interplay of Electron-Electron Interactions and Landau Quantization. <i>Physical Review Letters</i> , 1996 , 77, 1366-1369	7.4	54
25		7.4	54

22	Scaling of the Coulomb Energy Due to Quantum Fluctuations in the Charge on a Quantum Dot. <i>Physical Review Letters</i> , 1995 , 75, 4282-4285	7.4	93
21	Linear-response theory of Coulomb drag in coupled electron systems. <i>Physical Review B</i> , 1995 , 52, 1476	51 3 .1347	74 9
20	Plasmon enhancement of Coulomb drag in double-quantum-well systems. <i>Physical Review B</i> , 1995 , 52, 14796-14808	3.3	94
19	Coulomb Drag as a Probe of Coupled Plasmon Modes in Parallel Quantum Wells. <i>Physical Review Letters</i> , 1994 , 73, 3572-3575	7.4	92
18	Capacitance and conductance of dots connected by quantum point contacts. <i>Physica B: Condensed Matter</i> , 1994 , 203, 432-439	2.8	21
17	Magnetotransport in quantum wires <i>Physica B: Condensed Matter</i> , 1994 , 194-196, 1239-1240	2.8	
16	Magnetoconductivity of quantum wires with elastic and inelastic scattering. <i>Physical Review B</i> , 1993 , 48, 11144-11155	3.3	59
15	Capacitance and conductance of mesoscopic systems connected by quantum point contacts. <i>Physical Review B</i> , 1993 , 48, 11156-11166	3.3	88
14	Scaling relations for forced oscillators in the transition from a dissipative to a Hamiltonian system. <i>Physical Review E</i> , 1993 , 47, 2190-2192	2.4	4
13	Squeezing of thermal and quantum fluctuations: Universal features. <i>Physical Review A</i> , 1993 , 47, R23-R	2 6 .6	12
12	Magnetoconductivity in disordered quantum wires. <i>Journal of Physics Condensed Matter</i> , 1992 , 4, 9131-	91.\$6	4
11	Renormalization-group calculations of ground-state and transport properties of ultrasmall tunnel junctions. <i>Physical Review B</i> , 1992 , 46, 15207-15211	3.3	9
10	Quantum mechanics of the electromagnetic environment in the single-junction Coulomb blockade. <i>Physica Scripta</i> , 1992 , T42, 189-206	2.6	29
9	Charging effects in tunnel junctions: A four level study. <i>Solid State Communications</i> , 1991 , 77, 917-921	1.6	1
8	Coulomb blockade in single tunnel-junctions: Quantum mechanical effects of the electromagnetic environment. <i>European Physical Journal B</i> , 1991 , 85, 395-403	1.2	11
7	Quantum fluctuations and charging effects in small tunnel junctions. <i>Physical Review B</i> , 1991 , 43, 7586-	7 <u>5</u> 94	22
6	Resonating-valence-bond state with fermionic charges and bosonic spins: Mean-field theory. <i>Physical Review B</i> , 1989 , 40, 850-853	3.3	30
5	Subharmonic energy-gap structure and heating effects in superconducting niobium point contacts. <i>Physical Review B</i> , 1989 , 40, 8693-8699	3.3	21

LIST OF PUBLICATIONS

4	RVB superconductors and tunnel junctions. <i>Physica C: Superconductivity and Its Applications</i> , 1989 , 160, 89-101	1.3	4
3	Subharmonic energy-gap structure in superconducting weak links. <i>Physical Review B</i> , 1988 , 38, 8707-87	13.3	153
2	Asymmetry in the normal-metal to high-Tc superconductor tunnel junction. <i>Physical Review B</i> , 1988 , 38, 841-843	3.3	22
1	Engineered platforms for topological superconductivity and Majorana zero modes. <i>Nature Reviews Materials</i> ,	73.3	7