

# Charles M Marcus

## List of Publications by Year in descending order

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232  
papers

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docs citations

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times ranked

15133  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence for spin-polarized bound states in semiconductor-ferromagnetic-insulator islands. <i>Physical Review B</i> , 2022, 105, .	3.2	16
2	Zero-bias peaks at zero magnetic field in ferromagnetic hybrid nanowires. <i>Nature Physics</i> , 2021, 17, 43-47.	16.7	75
3	Anodic oxidation of epitaxial superconductor-semiconductor hybrids. <i>Physical Review Materials</i> , 2021, 5, .	2.4	8
4	Andreev Modes from Phase Winding in a Full-Shell Nanowire-Based Transmon. <i>Physical Review Letters</i> , 2021, 126, 047701.	7.8	13
5	Closing of the induced gap in a hybrid superconductor-semiconductor nanowire. <i>Physical Review B</i> , 2021, 103, .	3.2	38
6	Zeeman-driven parity transitions in an Andreev quantum dot. <i>Physical Review B</i> , 2021, 103, .	3.2	11
7	Semiconductor-Ferromagnetic Insulator-Superconductor Nanowires: Stray Field and Exchange Field. <i>Nano Letters</i> , 2020, 20, 456-462.	9.1	49
8	Destructive Little-Parks Effect in a Full-Shell Nanowire-Based Transmon. <i>Physical Review Letters</i> , 2020, 125, 156804.	7.8	26
9	Parity-Protected Superconductor-Semiconductor Qubit. <i>Physical Review Letters</i> , 2020, 125, 056801.	7.8	46
10	Quantum Dot Parity Effects in Trivial and Topological Josephson Junctions. <i>Physical Review Letters</i> , 2020, 125, 116803.	7.8	35
11	Relating Andreev Bound States and Supercurrents in Hybrid Josephson Junctions. <i>Physical Review Letters</i> , 2020, 124, 226801.	7.8	53
12	Suppressed Charge Dispersion via Resonant Tunneling in a Single-Channel Transmon. <i>Physical Review Letters</i> , 2020, 124, 246803.	7.8	34
13	Anomalous metallic phase in tunable destructive superconductors. <i>Physical Review B</i> , 2020, 101, .	3.2	23
14	Flux-induced topological superconductivity in full-shell nanowires. <i>Science</i> , 2020, 367, .	12.6	129
15	Coherent transport through a Majorana island in an Aharonov-Bohm interferometer. <i>Nature Communications</i> , 2020, 11, 3212.	12.8	39
16	Controlled dc Monitoring of a Superconducting Qubit. <i>Physical Review Letters</i> , 2020, 124, 056801.	7.8	12
17	Conductance-Matrix Symmetries of a Three-Terminal Hybrid Device. <i>Physical Review Letters</i> , 2020, 124, 036802.	7.8	72
18	Photon-assisted tunnelling of zero modes in a Majorana wire. <i>Nature Physics</i> , 2020, 16, 663-668.	16.7	39



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37	Superconducting gatemon qubit based on a proximitized two-dimensional electron gas. Nature Nanotechnology, 2018, 13, 915-919.	31.5	138
38	Effective $g$ Factor of Subgap States in Hybrid Nanowires. Physical Review Letters, 2018, 121, 037703.	7.8	74
39	Superconducting, insulating and anomalous metallic regimes in a gated two-dimensional semiconductor superconductor array. Nature Physics, 2018, 14, 1138-1144.	16.7	68
40	Nonlocality of Majorana modes in hybrid nanowires. Physical Review B, 2018, 98, .	3.2	173
41	Engineering hybrid epitaxial InAsSb/Al nanowires for stronger topological protection. Physical Review Materials, 2018, 2, .	2.4	65
42	Field effect enhancement in buffered quantum nanowire networks. Physical Review Materials, 2018, 2, .	2.4	70
43	Giant Spin-Orbit Splitting in Inverted $\text{InAs}/\text{GaSb}$ Quantum Wells. Physical Review Letters, 2017, 118, 016801.	3.2	33
44	Anomalous Fraunhofer interference in epitaxial superconductor-semiconductor Josephson junctions. Physical Review B, 2017, 95, .	3.2	63
45	Proximity Effect Transfer from NbTi into a Semiconductor Heterostructure via Epitaxial Aluminum. Nano Letters, 2017, 17, 1200-1203.	9.1	15
46	Transport Signatures of Quasiparticle Poisoning in a Majorana Island. Physical Review Letters, 2017, 118, 137701.	7.8	84
47	Transparent Semiconductor-Superconductor Interface and Induced Gap in an Epitaxial Heterostructure Josephson Junction. Physical Review Applied, 2017, 7, .	3.8	104
48	Zero-Energy Modes from Coalescing Andreev States in a Two-Dimensional Semiconductor-Superconductor Hybrid Platform. Physical Review Letters, 2017, 119, 176805.	7.8	182
49	Scaling of Majorana Zero-Bias Conductance Peaks. Physical Review Letters, 2017, 119, 136803.	7.8	338
50	Growth of InAs Wurtzite Nanocrosses from Hexagonal and Cubic Basis. Nano Letters, 2017, 17, 6090-6096.	9.1	29
51	Symmetric operation of the resonant exchange qubit. Physical Review B, 2017, 96, .	3.2	34
52	Current phase relations of few-mode InAs nanowire Josephson junctions. Nature Physics, 2017, 13, 1177-1181.	16.7	68
53	Spin-orbit interaction in a dual gated InAs/GaSb quantum well. Physical Review B, 2017, 96, .	3.2	31
54	Negative Spin Exchange in a Multielectron Quantum Dot. Physical Review Letters, 2017, 119, 227701.	7.8	26

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55	Scalable designs for quasiparticle-poisoning-protected topological quantum computation with Majorana zero modes. <i>Physical Review B</i> , 2017, 95, .	3.2	444
56	Normal, superconducting and topological regimes of hybrid double quantum dots. <i>Nature Nanotechnology</i> , 2017, 12, 212-217.	31.5	48
57	Notch filtering the nuclear environment of a spin qubit. <i>Nature Nanotechnology</i> , 2017, 12, 16-20.	31.5	80
58	Conduction channels of an InAs-Al nanowire Josephson weak link. <i>New Journal of Physics</i> , 2017, 19, 092002.	2.9	47
59	Spectrum of the Nuclear Environment for GaAs Spin Qubits. <i>Physical Review Letters</i> , 2017, 118, 177702.	7.8	67
60	Edge transport in the trivial phase of InAs/GaSb. <i>New Journal of Physics</i> , 2016, 18, 083005.	2.9	103
61	Majorana bound state in a coupled quantum-dot hybrid-nanowire system. <i>Science</i> , 2016, 354, 1557-1562.	12.6	816
62	InAs Nanowire with Epitaxial Aluminum as a Single-Electron Transistor with Fixed Tunnel Barriers. <i>Physical Review Applied</i> , 2016, 6, .	3.8	14
63	Milestones Toward Majorana-Based Quantum Computing. <i>Physical Review X</i> , 2016, 6, .	8.9	387
64	Decoupling Edge Versus Bulk Conductance in the Trivial Regime of an $\text{InAs/GaSb}$ Quantum Well Using Corbino Ring Geometry. <i>Physical Review Letters</i> , 2016, 117, 077701.	7.8	88
65	Filter function formalism beyond pure dephasing and non-Markovian noise in singlet-triplet qubits. <i>Physical Review B</i> , 2016, 93, .	3.2	25
66	Gateon Benchmarking and Two-Qubit Operations. <i>Physical Review Letters</i> , 2016, 116, 150505.	7.8	63
67	Two-dimensional epitaxial superconductor-semiconductor heterostructures: A platform for topological superconducting networks. <i>Physical Review B</i> , 2016, 93, .	3.2	211
68	Noise Suppression Using Symmetric Exchange Gates in Spin Qubits. <i>Physical Review Letters</i> , 2016, 116, 116801.	7.8	186
69	Quantized Conductance and Large $g$ -Factor Anisotropy in InSb Quantum Point Contacts. <i>Nano Letters</i> , 2016, 16, 7509-7513.	9.1	49
70	Quantized conductance doubling and hard gap in a two-dimensional semiconductor-superconductor heterostructure. <i>Nature Communications</i> , 2016, 7, 12841.	12.8	146
71	Exponential protection of zero modes in Majorana islands. <i>Nature</i> , 2016, 531, 206-209.	27.8	877
72	Semiconductor-Nanowire-Based Superconducting Qubit. <i>Physical Review Letters</i> , 2015, 115, 127001.	7.8	287

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73	Real-Time MRI-Guided Catheter Tracking Using Hyperpolarized Silicon Particles. <i>Scientific Reports</i> , 2015, 5, 12842.	3.3	27
74	Gate-tunable high mobility remote-doped InSb/In <sub>1-x</sub> AlxSb quantum well heterostructures. <i>Applied Physics Letters</i> , 2015, 106, .	3.3	29
75	Hard gap in epitaxial semiconductor-superconductor nanowires. <i>Nature Nanotechnology</i> , 2015, 10, 232-236.	31.5	331
76	Epitaxy of semiconductor-superconductor nanowires. <i>Nature Materials</i> , 2015, 14, 400-406.	27.5	381
77	Electric and Magnetic Tuning Between the Trivial and Topological Phases in InAs/GaSb Double Quantum Wells. <i>Physical Review Letters</i> , 2015, 115, 036803.	7.8	82
78	Parity lifetime of bound states in a proximitized semiconductor nanowire. <i>Nature Physics</i> , 2015, 11, 1017-1021.	16.7	160
79	g-tensor control in bent carbon nanotube quantum dots. <i>Physical Review B</i> , 2014, 89, .	3.2	7
80	Coherent Operations and Screening in Multielectron Spin Qubits. <i>Physical Review Letters</i> , 2014, 112, 026801.	7.8	47
81	Single-layer graphene on silicon nitride micromembrane resonators. <i>Journal of Applied Physics</i> , 2014, 115, 054513.	2.5	33
82	Hole Spin Coherence in a Ge/Si Heterostructure Nanowire. <i>Nano Letters</i> , 2014, 14, 3582-3586.	9.1	76
83	Antilocalization of Coulomb Blockade in a Ge/Si Nanowire. <i>Physical Review Letters</i> , 2014, 112, .	7.8	46
84	Quantum-Dot-Based Resonant Exchange Qubit. <i>Physical Review Letters</i> , 2013, 111, 050501.	7.8	202
85	Tunneling Spectroscopy of Quasiparticle Bound States in a Spinful Josephson Junction. <i>Physical Review Letters</i> , 2013, 110, 217005.	7.8	151
86	Self-consistent measurement and state tomography of an exchange-only spin qubit. <i>Nature Nanotechnology</i> , 2013, 8, 654-659.	31.5	204
87	Synthesis of Long <sup>1</sup> T <sub>1</sub> Silicon Nanoparticles for Hyperpolarized <sup>29</sup> Si Magnetic Resonance Imaging. <i>ACS Nano</i> , 2013, 7, 1609-1617.	14.6	73
88	In vivo magnetic resonance imaging of hyperpolarized silicon particles. <i>Nature Nanotechnology</i> , 2013, 8, 363-368.	31.5	137
89	Superconductor-nanowire devices from tunneling to the multichannel regime: Zero-bias oscillations and magnetoconductance crossover. <i>Physical Review B</i> , 2013, 87, .	3.2	657
90	Radical-free dynamic nuclear polarization using electronic defects in silicon. <i>Physical Review B</i> , 2013, 87, .	3.2	30

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91	Relaxation and readout visibility of a singlet-triplet qubit in an Overhauser field gradient. Physical Review B, 2012, 85, .	3.2	46
92	Publisher's Note: Coulomb Oscillations in Antidots in the Integer and Fractional Quantum Hall Regimes [Phys. Rev. Lett. <b>108</b> (2012)]. Physical Review Letters, 2012, 109, .	7.8	0
93	Coulomb Oscillations in Antidots in the Integer and Fractional Quantum Hall Regimes. Physical Review Letters, 2012, 108, 256803.	7.8	24
94	Magnetic field dependence of Pauli spin blockade: A window into the sources of spin relaxation in silicon quantum dots. Physical Review B, 2012, 86, .	3.2	52
95	Fabry-Perot Interferometry with Fractional Charges. Physical Review Letters, 2012, 108, 256804.	7.8	67
96	Scaling of Dynamical Decoupling for Spin Qubits. Physical Review Letters, 2012, 108, 086802.	7.8	149
97	Hole spin relaxation in Ge/Si core-shell nanowire qubits. Nature Nanotechnology, 2012, 7, 47-50.	31.5	183
98	Hot Carrier Transport and Photocurrent Response in Graphene. Nano Letters, 2011, 11, 4688-4692.	9.1	380
99	Gate-Activated Photoresponse in a Graphene p-n Junction. Nano Letters, 2011, 11, 4134-4137.	9.1	379
100	Snake States along Graphene p-n Junctions. Physical Review Letters, 2011, 107, 046602.	7.8	78
101	Gate-controlled guiding of electrons in graphene. Nature Nanotechnology, 2011, 6, 222-225.	31.5	203
102	Direct graphene growth on insulator. Physica Status Solidi (B): Basic Research, 2011, 248, 2619-2622.	1.5	59
103	Laser Cooling and Optical Detection of Excitations in a LCElectrical Circuit. Physical Review Letters, 2011, 107, 273601.	7.8	68
104	Gate-Defined Graphene Quantum Point Contact in the Quantum Hall Regime. Physical Review Letters, 2011, 107, 036602.	7.8	39
105	Decay of nuclear hyperpolarization in silicon microparticles. Physical Review B, 2011, 84, .	3.2	14
106	Charge-State Conditional Operation of a Spin Qubit. Physical Review Letters, 2011, 107, 030506.	7.8	79
107	Interlaced Dynamical Decoupling and Coherent Operation of a Singlet-Triplet Qubit. Physical Review Letters, 2010, 105, 266808.	7.8	126
108	Bends in nanotubes allow electric spin control and coupling. Physical Review B, 2010, 81, .	3.2	82

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109	Coherent spin manipulation in an exchange-only qubit. <i>Physical Review B</i> , 2010, 82, .	3.2	203
110	Exchange Control of Nuclear Spin Diffusion in a Double Quantum Dot. <i>Physical Review Letters</i> , 2010, 104, 236802.	7.8	38
111	Fast sensing of double-dot charge arrangement and spin state with a radio-frequency sensor quantum dot. <i>Physical Review B</i> , 2010, 81, .	3.2	157
112	Dynamic Nuclear Polarization in Double Quantum Dots. <i>Physical Review Letters</i> , 2010, 104, 226807.	7.8	47
113	Dynamic Nuclear Polarization in the Fractional Quantum Hall Regime. <i>Physical Review Letters</i> , 2010, 105, 056804.	7.8	16
114	Spin-related tunneling in lithographically-defined silicon quantum dots. , 2010, , .		0
115	Quantum Hall conductance of two-terminal graphene devices. <i>Physical Review B</i> , 2009, 80, .	3.2	58
116	Edge-State Velocity and Coherence in a Quantum Hall Fabry-Pérot Interferometer. <i>Physical Review Letters</i> , 2009, 103, 206806.	7.8	85
117	Relaxation and Dephasing in a Two-Electron $C^{13}$ Nanotube Double Quantum Dot. <i>Physical Review Letters</i> , 2009, 102, 166802.	7.8	124
118	Rapid Single-Shot Measurement of a Singlet-Triplet Qubit. <i>Physical Review Letters</i> , 2009, 103, 160503.	7.8	252
119	Precision cutting and patterning of graphene with helium ions. <i>Nanotechnology</i> , 2009, 20, 455301.	2.6	303
120	Electron-nuclear interaction in $^{13}\text{C}$ nanotube double quantum dots. <i>Nature Physics</i> , 2009, 5, 321-326.	16.7	151
121	Silicon Nanoparticles as Hyperpolarized Magnetic Resonance Imaging Agents. <i>ACS Nano</i> , 2009, 3, 4003-4008.	14.6	92
122	Etching of Graphene Devices with a Helium Ion Beam. <i>ACS Nano</i> , 2009, 3, 2674-2676.	14.6	283
123	Distinct signatures for Coulomb blockade and Aharonov-Bohm interference in electronic Fabry-Perot interferometers. <i>Physical Review B</i> , 2009, 79, .	3.2	128
124	A new mechanism of electric dipole spin resonance: hyperfine coupling in quantum dots. <i>Semiconductor Science and Technology</i> , 2009, 24, 064004.	2.0	34
125	Precision material modification and patterning with He ions. <i>Journal of Vacuum Science &amp; Technology B</i> , 2009, 27, 2755.	1.3	22
126	Measurement of Temporal Correlations of the Overhauser Field in a Double Quantum Dot. <i>Physical Review Letters</i> , 2008, 101, 236803.	7.8	95



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127	Shot Noise in Graphene. Physical Review Letters, 2008, 100, 156801.	7.8	131
128	Quasi-Particle Properties from Tunneling in the $\nu = 5/2$ Fractional Quantum Hall State. Science, 2008, 320, 899-902.	12.6	287
129	Magnetic Field Control of Exchange and Noise Immunity in Double Quantum Dots. Nano Letters, 2008, 8, 1778-1782.	9.1	38
130	Suppressing Spin Qubit Dephasing by Nuclear State Preparation. Science, 2008, 321, 817-821.	12.6	229
131	Dynamic Nuclear Polarization with Single Electron Spins. Physical Review Letters, 2008, 100, 067601.	7.8	118
132	Hyperfine-Mediated Gate-Driven Electron Spin Resonance. Physical Review Letters, 2007, 99, 246601.	7.8	173
133	Noise Correlations in a Coulomb-Blockaded Quantum Dot. Physical Review Letters, 2007, 99, 036603.	7.8	48
134	Tunable Noise Cross Correlations in a Double Quantum Dot. Physical Review Letters, 2007, 98, 056801.	7.8	97
135	Fast single-charge sensing with a rf quantum point contact. Applied Physics Letters, 2007, 91, .	3.3	223
136	Quantum Hall Effect in a Gate-Controlled p-n Junction of Graphene. Science, 2007, 317, 638-641.	12.6	919
137	Relaxation, dephasing, and quantum control of electron spins in double quantum dots. Physical Review B, 2007, 76, .	3.2	302
138	Electrical Transport in Single-Wall Carbon Nanotubes. Topics in Applied Physics, 2007, , 455-493.	0.8	83
139	A Ge/Si heterostructure nanowire-based double quantum dot with integrated charge sensor. Nature Nanotechnology, 2007, 2, 622-625.	31.5	287
140	Fractional quantum Hall effect in a quantum point contact at filling fraction $5/2$ . Nature Physics, 2007, 3, 561-565.	16.7	77
141	Effect of Exchange Interaction on Spin Dephasing in a Double Quantum Dot. Physical Review Letters, 2006, 97, 056801.	7.8	68
142	Charge sensing in carbon-nanotube quantum dots on microsecond timescales. Physical Review B, 2006, 73, .	3.2	42
143	Non-equilibrium singlet-triplet Kondo effect in carbon nanotubes. Nature Physics, 2006, 2, 460-464.	16.7	134
144	Shot-Noise Signatures of 0.7 Structure and Spin in a Quantum Point Contact. Physical Review Letters, 2006, 97, 036810.	7.8	75

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145	System for measuring auto- and cross correlation of current noise at low temperatures. Review of Scientific Instruments, 2006, 77, 073906.	1.3	63
146	Asymmetry of Nonlinear Transport and Electron Interactions in Quantum Dots. Physical Review Letters, 2006, 96, 206802.	7.8	57
147	Fault-tolerant architecture for quantum computation using electrically controlled semiconductor spins. Nature Physics, 2005, 1, 177-183.	16.7	357
148	Triplet-singlet spin relaxation via nuclei in a double quantum dot. Nature, 2005, 435, 925-928.	27.8	458
149	Charge sensing of excited states in an isolated double quantum dot. Physical Review B, 2005, 71, .	3.2	22
150	Pulsed-gate measurements of the singlet-triplet relaxation time in a two-electron double quantum dot. Physical Review B, 2005, 72, .	3.2	66
151	Singlet-triplet spin blockade and charge sensing in a few-electron double quantum dot. Physical Review B, 2005, 72, .	3.2	202
152	Anomalous Conductance Quantization in Carbon Nanotubes. Physical Review Letters, 2005, 94, 026801.	7.8	46
153	Spin Polarized Tunneling at Finite Bias. Physical Review Letters, 2005, 94, 196601.	7.8	141
154	Conductance fluctuations and partially broken spin symmetries in quantum dots. Physical Review B, 2005, 72, .	3.2	19
155	Photovoltaic and rectification currents in quantum dots. Physical Review B, 2005, 71, .	3.2	39
156	Solid-State Circuit for Spin Entanglement Generation and Purification. Physical Review Letters, 2005, 94, 236803.	7.8	54
157	Coherent Manipulation of Coupled Electron Spins in Semiconductor Quantum Dots. Science, 2005, 309, 2180-2184.	12.6	2,674
158	Gate-Defined Quantum Dots on Carbon Nanotubes. Nano Letters, 2005, 5, 1267-1271.	9.1	86
159	Controlling Spin Qubits in Quantum Dots. , 2005, , 115-132.		0
160	Differential Charge Sensing and Charge Delocalization in a Tunable Double Quantum Dot. Physical Review Letters, 2004, 92, 226801.	7.8	160
161	Cotunneling Spectroscopy in Few-Electron Quantum Dots. Physical Review Letters, 2004, 93, 256801.	7.8	131
162	Manipulation of a Single Charge in a Double Quantum Dot. Physical Review Letters, 2004, 93, 186802.	7.8	377

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163	Avalanche spin-valve transistor. <i>Applied Physics Letters</i> , 2004, 85, 4502.	3.3	14
164	Local Gate Control of a Carbon Nanotube Double Quantum Dot. <i>Science</i> , 2004, 303, 655-658.	12.6	182
165	Controlling Spin Qubits in Quantum Dots. <i>Quantum Information Processing</i> , 2004, 3, 115-132.	2.2	53
166	Tunable Nonlocal Spin Control in a Coupled-Quantum Dot System. <i>Science</i> , 2004, 304, 565-567.	12.6	320
167	Locally Addressable Tunnel Barriers within a Carbon Nanotube. <i>Nano Letters</i> , 2004, 4, 2499-2502.	9.1	29
168	Orbital effects of in-plane magnetic fields probed by mesoscopic conductance fluctuations. <i>Physical Review B</i> , 2004, 69, .	3.2	21
169	Coulomb-Modified Fano Resonance in a One-Lead Quantum Dot. <i>Physical Review Letters</i> , 2004, 93, 106803.	7.8	218
170	Local Gating of Carbon Nanotubes. <i>Nano Letters</i> , 2004, 4, 1-4.	9.1	47
171	Spin-valve photodiode. <i>Applied Physics Letters</i> , 2003, 83, 3737-3739.	3.3	12
172	Experimental Realization of a Quantum Spin Pump. <i>Physical Review Letters</i> , 2003, 91, 258301.	7.8	264
173	Gate-Controlled Spin-Orbit Quantum Interference Effects in Lateral Transport. <i>Physical Review Letters</i> , 2003, 90, 076807.	7.8	393
174	Long-Lived Memory for Mesoscopic Quantum Bits. <i>Physical Review Letters</i> , 2003, 90, 206803.	7.8	231
175	Ballistic electron emission luminescence. <i>Applied Physics Letters</i> , 2003, 82, 4498-4500.	3.3	16
176	Low-temperature atomic-layer-deposition lift-off method for microelectronic and nanoelectronic applications. <i>Applied Physics Letters</i> , 2003, 83, 2405-2407.	3.3	166
177	Spin and Polarized Current from Coulomb Blockaded Quantum Dots. <i>Physical Review Letters</i> , 2003, 91, 016802.	7.8	103
178	Photocurrent, Rectification, and Magnetic Field Symmetry of Induced Current through Quantum Dots. <i>Physical Review Letters</i> , 2003, 91, 246804.	7.8	98
179	Luminescent spin-valve transistor. <i>Applied Physics Letters</i> , 2003, 83, 4571-4573.	3.3	16
180	A Gate-Controlled Bidirectional Spin Filter Using Quantum Coherence. <i>Science</i> , 2003, 299, 679-682.	12.6	143

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181	Adiabatic Quantum Pump of Spin-Polarized Current. Physical Review Letters, 2002, 89, 146802.	7.8	182
182	Spin-Orbit Coupling, Antilocalization, and Parallel Magnetic Fields in Quantum Dots. Physical Review Letters, 2002, 89, 276803.	7.8	112
183	Detecting Spin-Polarized Currents in Ballistic Nanostructures. Physical Review Letters, 2002, 89, 266602.	7.8	111
184	Low-Temperature Fate of the 0.7 Structure in a Point Contact: A Kondo-like Correlated State in an Open System. Physical Review Letters, 2002, 88, 226805.	7.8	363
185	Spin-Orbit Effects in a GaAs Quantum Dot in a Parallel Magnetic Field. Physical Review Letters, 2001, 86, 2106-2109.	7.8	67
186	Decoherence in Nearly Isolated Quantum Dots. Physical Review Letters, 2001, 87, 206802.	7.8	37
187	Spin Degeneracy and Conductance Fluctuations in Open Quantum Dots. Physical Review Letters, 2001, 86, 2102-2105.	7.8	64
188	Ground State Spin and Coulomb Blockade Peak Motion in Chaotic Quantum Dots. Physica Scripta, 2001, T90, 26.	2.5	52
189	Ground State Spin and Coulomb Blockade Peak Motion in Chaotic Quantum Dots. , 2001, , .		0
190	Nanofabrication of Self-assembled Molecular-scale Electronics. Journal of Low Temperature Physics, 2000, 118, 343-353.	1.4	8
191	Low-Temperature Saturation of the Dephasing Time and Effects of Microwave Radiation on Open Quantum Dots. Physical Review Letters, 1999, 83, 5090-5093.	7.8	88
192	Coulomb Blockade Fluctuations in Strongly Coupled Quantum Dots. Physical Review Letters, 1999, 83, 1403-1406.	7.8	38
193	Integrated nanotube circuits: Controlled growth and ohmic contacting of single-walled carbon nanotubes. Applied Physics Letters, 1999, 75, 627-629.	3.3	272
194	An Adiabatic Quantum Electron Pump. Science, 1999, 283, 1905-1908.	12.6	578
195	Gate-Controlled Superconducting Proximity Effect in Carbon Nanotubes. Science, 1999, 286, 263-265.	12.6	218
196	Controlled fabrication of metallic electrodes with atomic separation. Applied Physics Letters, 1999, 74, 2084-2086.	3.3	299
197	Classical advection of guiding centers in a random magnetic field. Europhysics Letters, 1998, 42, 73-78.	2.0	12
198	Oscillations in the magnetoconductance autocorrelation function for ballistic microstructures. Physical Review B, 1998, 57, 9875-9878.	3.2	4

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199	Distributions of the Conductance and its Parametric Derivatives in Quantum Dots. Physical Review Letters, 1998, 81, 1917-1920.	7.8	92
200	Mesoscopic Coulomb Blockade in One-Channel Quantum Dots. Physical Review Letters, 1998, 81, 5904-5907.	7.8	22
201	High bias transport and magnetometer design in open quantum dots. Applied Physics Letters, 1998, 72, 471-473.	3.3	13
202	Statistics of Coulomb Blockade Peak Spacings. Physical Review Letters, 1998, 80, 4522-4525.	7.8	149
203	Dephasing in Open Quantum Dots. Physical Review Letters, 1998, 81, 200-203.	7.8	103
204	Changing the Electronic Spectrum of a Quantum Dot by Adding Electrons. Physical Review Letters, 1998, 81, 5900-5903.	7.8	67
205	Quantum dots. Physics World, 1998, 11, 35-40.	0.0	186
206	Mesoscopic Fluctuations of Elastic Cotunneling in Coulomb Blockaded Quantum Dots. Physical Review Letters, 1997, 79, 2312-2315.	7.8	46
207	Electron Transport in Quantum Dots. , 1997, , 105-214.		328
208	Correlations Between Ground and Excited State Spectra of a Quantum Dot. Science, 1997, 278, 1784-1788.	12.6	84
209	Statistics and Parametric Correlations of Coulomb Blockade Peak Fluctuations in Quantum Dots. Physical Review Letters, 1996, 76, 1699-1702.	7.8	198
210	Shubnikov-de Haas oscillations in a two-dimensional electron gas in a spatially random magnetic field. Physical Review B, 1996, 53, R7599-R7602.	3.2	31
211	Switching and hysteresis in quantum dot arrays. Nanotechnology, 1996, 7, 372-375.	2.6	2
212	Temperature dependence of phase breaking in ballistic quantum dots. Physical Review B, 1995, 52, 2656-2659.	3.2	94
213	Ballistic Conductance Fluctuations in Shape Space. Physical Review Letters, 1995, 74, 3876-3879.	7.8	107
214	Magnetotransport of a two-dimensional electron gas in a spatially random magnetic field. Physical Review B, 1995, 51, 13269-13273.	3.2	51
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