List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	The Transcriptional Landscape of the Mammalian Genome. Science, 2005, 309, 1559-1563.	12.6	3,227
2	Parity–time-symmetric whispering-gallery microcavities. Nature Physics, 2014, 10, 394-398.	16.7	1,892
3	Quantum simulation. Reviews of Modern Physics, 2014, 86, 153-185.	45.6	1,881
4	Spin–orbit interactions of light. Nature Photonics, 2015, 9, 796-808.	31.4	1,526
5	QuTiP 2: A Python framework for the dynamics of open quantum systems. Computer Physics Communications, 2013, 184, 1234-1240.	7.5	1,384
6	Hybrid quantum circuits: Superconducting circuits interacting with other quantum systems. Reviews of Modern Physics, 2013, 85, 623-653.	45.6	1,212
7	QuTiP: An open-source Python framework for the dynamics of open quantum systems. Computer Physics Communications, 2012, 183, 1760-1772.	7.5	1,143
8	Atomic physics and quantum optics using superconducting circuits. Nature, 2011, 474, 589-597.	27.8	1,053
9	Parity–time symmetry and exceptional points in photonics. Nature Materials, 2019, 18, 783-798.	27.5	940
10	Ultrastrong coupling between light and matter. Nature Reviews Physics, 2019, 1, 19-40.	26.6	916
11	Superconducting Circuits and Quantum Information. Physics Today, 2005, 58, 42-47.	0.3	899
12	Microwave photonics with superconducting quantum circuits. Physics Reports, 2017, 718-719, 1-102.	25.6	853
13	Loss-induced suppression and revival of lasing. Science, 2014, 346, 328-332.	12.6	748
14	Quantum Simulators. Science, 2009, 326, 108-111.	12.6	730
15	Observation of the dynamical Casimir effect in a superconducting circuit. Nature, 2011, 479, 376-379.	27.8	730
16	Quantum biology. Nature Physics, 2013, 9, 10-18.	16.7	692
17	Landau–Zener–Stückelberg interferometry. Physics Reports, 2010, 492, 1-30.	25.6	639
18	Transverse and longitudinal angular momenta of light. Physics Reports, 2015, 592, 1-38.	25.6	638

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19	Quantum spin Hall effect of light. Science, 2015, 348, 1448-1451.	12.6	590
20	Quantum thermodynamic cycles and quantum heat engines. Physical Review E, 2007, 76, 031105.	2.1	572
21	Natural and artificial atoms for quantum computation. Reports on Progress in Physics, 2011, 74, 104401.	20.1	569
22	Quantum spin squeezing. Physics Reports, 2011, 509, 89-165.	25.6	568
23	Edge Modes, Degeneracies, and Topological Numbers in Non-Hermitian Systems. Physical Review Letters, 2017, 118, 040401.	7.8	565
24	Extraordinary momentum and spin in evanescent waves. Nature Communications, 2014, 5, 3300.	12.8	550
25	<mml:math display="inline" xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="script">PT</mml:mi </mml:mrow></mml:math> -Symmetric Phonon Laser. Physical Review Letters, 2014, 113, 053604.	7.8	502
26	<i>Colloquium</i> : The physics of Maxwell's demon and information. Reviews of Modern Physics, 2009, 81, 1-23.	45.6	469
27	Controllable Scattering of a Single Photon inside a One-Dimensional Resonator Waveguide. Physical Review Letters, 2008, 101, 100501.	7.8	450
28	A Superconducting Reversible Rectifier That Controls the Motion of Magnetic Flux Quanta. Science, 2003, 302, 1188-1191.	12.6	441
29	Observation of non-Hermitian degeneracies in a chaotic exciton-polariton billiard. Nature, 2015, 526, 554-558.	27.8	422
30	<i>Colloquium</i> : Stimulating uncertainty: Amplifying the quantum vacuum with superconducting circuits. Reviews of Modern Physics, 2012, 84, 1-24.	45.6	402
31	What is and what is not electromagnetically induced transparency in whispering-gallery microcavities. Nature Communications, 2014, 5, 5082.	12.8	390
32	Wet granular materials. Advances in Physics, 2006, 55, 1-45.	14.4	386
33	Brownian motors. Annalen Der Physik, 2005, 14, 51-70.	2.4	363
34	Electronic properties of mesoscopic graphene structures: Charge confinement and control of spin and charge transport. Physics Reports, 2011, 503, 77-114.	25.6	338
35	Second-Order Topological Phases in Non-Hermitian Systems. Physical Review Letters, 2019, 122, 076801.	7.8	332
36	Quantum information processing with superconducting qubits in a microwave field. Physical Review B, 2003, 68, .	3.2	329

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37	Electronic properties of graphene-based bilayer systems. Physics Reports, 2016, 648, 1-104.	25.6	323
38	Nonequilibrium Dynamic Phase Diagram for Vortex Lattices. Physical Review Letters, 1998, 81, 3757-3760.	7.8	319
39	Optical Selection Rules and Phase-Dependent Adiabatic State Control in a Superconducting Quantum Circuit. Physical Review Letters, 2005, 95, 087001.	7.8	298
40	Leggett–Garg inequalities. Reports on Progress in Physics, 2014, 77, 016001.	20.1	295
41	Qubit-oscillator systems in the ultrastrong-coupling regime and their potential for preparing monclassical states. Physical Review A 2010 81 Metrology with < mini: math xmins:mmi= http://www.w3.org/1998/Math/MathML"	2.5	292
42	display= inline > <mmi:mrow><mmi:mi mathvariant="script">PT-Symmetric Cavities: Enhanced Sensitivity near the<mml:math <br="" xmlns:mml="http://www.w3.org/1998/Math/MathML">display="inline"><mml:mrow><mml:mi display="inline"><mml:mrow><mml:mi< td=""><td>7.8</td><td>290</td></mml:mi<></mml:mrow></mml:mi </mml:mrow></mml:math></mmi:mi </mmi:mrow>	7.8	290
43	Mathvariant="script">PT-Phase Transition. Physical Review Letters Semiclassical Dynamics of Electron Wave Packet States with Phase Vortices. Physical Review Letters, 2007, 99, 190404.	7.8	287
44	General Non-Markovian Dynamics of Open Quantum Systems. Physical Review Letters, 2012, 109, 170402.	7.8	272
45	Nonreciprocal Photon Blockade. Physical Review Letters, 2018, 121, 153601.	7.8	270
46	Transverse spin of a surface polariton. Physical Review A, 2012, 85, .	2.5	268
47	Squeezed Optomechanics with Phase-Matched Amplification and Dissipation. Physical Review Letters, 2015, 114, 093602.	7.8	268
48	A phonon laser operating at an exceptional point. Nature Photonics, 2018, 12, 479-484.	31.4	264
49	Nonperturbative theory of weak pre- and post-selected measurements. Physics Reports, 2012, 520, 43-133.	25.6	262
50	Dual electromagnetism: helicity, spin, momentum and angular momentum. New Journal of Physics, 2013, 15, 033026.	2.9	262
51	Optomechanically-induced transparency in parity-time-symmetric microresonators. Scientific Reports, 2015, 5, 9663.	3.3	261
52	Superconducting Vortex Avalanches. Physical Review Letters, 1995, 74, 1206-1209.	7.8	260
53	Renormalization-Group Study of One-Dimensional Quasiperiodic Systems. Physical Review Letters, 1986, 57, 2057-2060.	7.8	259
54	Dynamic Phases of Vortices in Superconductors with Periodic Pinning. Physical Review Letters, 1997, 78, 2648-2651.	7.8	252

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55	Fisher information under decoherence in Bloch representation. Physical Review A, 2013, 87, .	2.5	248
56	Commensurate and incommensurate vortex states in superconductors with periodic pinning arrays. Physical Review B, 1998, 57, 7937-7943.	3.2	246
57	Photon blockade in quadratically coupled optomechanical systems. Physical Review A, 2013, 88, .	2.5	242
58	Witnessing Quantum Coherence: from solid-state to biological systems. Scientific Reports, 2012, 2, 885.	3.3	239
59	Dynamical Casimir Effect in a Superconducting Coplanar Waveguide. Physical Review Letters, 2009, 103, 147003.	7.8	234
60	Theory and applications of free-electron vortex states. Physics Reports, 2017, 690, 1-70.	25.6	227
61	<i>Colloquium</i> : Unusual resonators: Plasmonics, metamaterials, and random media. Reviews of Modern Physics, 2008, 80, 1201-1213.	45.6	225
62	Superconducting Fluxon Pumps and Lenses. Physical Review Letters, 1999, 83, 5106-5109.	7.8	222
63	Chaotic dynamics of falling disks. Nature, 1997, 388, 252-254.	27.8	220
64	Spin Oscillations in Antiferromagnetic NiO Triggered by Circularly Polarized Light. Physical Review Letters, 2010, 105, 077402.	7.8	217
65	Self-Propelled Janus Particles in a Ratchet: Numerical Simulations. Physical Review Letters, 2013, 110, 268301.	7.8	213
66	Characterizing optical chirality. Physical Review A, 2011, 83, .	2.5	207
67	Cavity quantum electrodynamics with ferromagnetic magnons in a small yttrium-iron-garnet sphere. Npj Quantum Information, 2015, 1, .	6.7	204
68	Low-decoherence flux qubit. Physical Review B, 2007, 75, .	3.2	203
69	Two-level systems driven by large-amplitude fields. Physical Review A, 2007, 75, .	2.5	203
70	Observing brownian motion in vibration-fluidized granular matter. Nature, 2003, 424, 909-912.	27.8	197
71	Acoustic and electronic properties of one-dimensional quasicrystals. Physical Review B, 1986, 34, 2207-2211.	3.2	187
72	Scalable Quantum Computing with Josephson Charge Qubits. Physical Review Letters, 2002, 89, 197902.	7.8	186

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73	Optomechanically induced stochastic resonance and chaos transfer between optical fields. Nature Photonics, 2016, 10, 399-405.	31.4	185
74	Quantum feedback: Theory, experiments, and applications. Physics Reports, 2017, 679, 1-60.	25.6	181
75	Circuit quantum acoustodynamics with surface acoustic waves. Nature Communications, 2017, 8, 975.	12.8	178
76	Decoherence-Free Interaction between Giant Atoms in Waveguide Quantum Electrodynamics. Physical Review Letters, 2018, 120, 140404.	7.8	176
77	Quantum exceptional points of non-Hermitian Hamiltonians and Liouvillians: The effects of quantum jumps. Physical Review A, 2019, 100, .	2.5	172
78	Nonequilibrium dynamic phases and plastic flow of driven vortex lattices in superconductors with periodic arrays of pinning sites. Physical Review B, 1998, 58, 6534-6564.	3.2	171
79	Phase Locking, Devil's Staircases, Farey Trees, and Arnold Tongues in Driven Vortex Lattices with Periodic Pinning. Physical Review Letters, 1999, 82, 414-417.	7.8	169
80	Relativistic Electron Vortex Beams: Angular Momentum and Spin-Orbit Interaction. Physical Review Letters, 2011, 107, 174802.	7.8	169
81	Optomechanical analog of two-color electromagnetically induced transparency: Photon transmission through an optomechanical device with a two-level system. Physical Review A, 2014, 90, .	2.5	169
82	Strongly correlated quantum walks with a 12-qubit superconducting processor. Science, 2019, 364, 753-756.	12.6	169
83	Optical Momentum, Spin, and Angular Momentum in Dispersive Media. Physical Review Letters, 2017, 119, 073901.	7.8	168
84	Flying couplers above spinning resonators generate irreversible refraction. Nature, 2018, 558, 569-572.	27.8	167
85	Cavity optomechanical coupling assisted by an atomic gas. Physical Review A, 2008, 78, .	2.5	166
86	Steady-state mechanical squeezing in an optomechanical system via Duffing nonlinearity. Physical Review A, 2015, 91, .	2.5	165
87	Testing nonclassicality in multimode fields: A unified derivation of classical inequalities. Physical Review A, 2010, 82, .	2.5	160
88	Exponentially Enhanced Light-Matter Interaction, Cooperativities, and Steady-State Entanglement Using Parametric Amplification. Physical Review Letters, 2018, 120, 093601.	7.8	158
89	Direct measurements of the extraordinary optical momentum and transverse spin-dependent force using a nano-cantilever. Nature Physics, 2016, 12, 731-735.	16.7	157
90	Two-photon and three-photon blockades in driven nonlinear systems. Physical Review A, 2013, 87, .	2.5	152

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91	Dynamical Casimir effect in superconducting microwave circuits. Physical Review A, 2010, 82, .	2.5	151
92	High-order exceptional points in optomechanics. Scientific Reports, 2017, 7, 3386.	3.3	151
93	Quantum-criticality-induced strong Kerr nonlinearities in optomechanical systems. Scientific Reports, 2013, 3, 2943.	3.3	150
94	Waveguide quantum electrodynamics with superconducting artificial giant atoms. Nature, 2020, 583, 775-779.	27.8	147
95	Spatiotemporal vortex beams and angular momentum. Physical Review A, 2012, 86, .	2.5	146
96	Quantum supercavity with atomic mirrors. Physical Review A, 2008, 78, .	2.5	143
97	Terahertz Josephson plasma waves in layered superconductors: spectrum, generation, nonlinear and quantum phenomena. Reports on Progress in Physics, 2010, 73, 026501.	20.1	143
98	Open quantum systems with local and collective incoherent processes: Efficient numerical simulations using permutational invariance. Physical Review A, 2018, 98, .	2.5	143
99	Qubit-induced phonon blockade as a signature of quantum behavior in nanomechanical resonators. Physical Review A, 2010, 82, .	2.5	140
100	Maxwell's Demon Assisted Thermodynamic Cycle in Superconducting Quantum Circuits. Physical Review Letters, 2006, 97, 180402.	7.8	138
101	Entangling two macroscopic mechanical mirrors in a two-cavity optomechanical system. Physical Review A, 2014, 89, .	2.5	137
102	Single-photon router: Coherent control of multichannel scattering for single photons with quantum interferences. Physical Review A, 2014, 89, .	2.5	132
103	Quantum metamaterials: Electromagnetic waves in a Josephson qubit line. Physical Review B, 2008, 77, .	3.2	131
104	Resolution of gauge ambiguities in ultrastrong-coupling cavity quantum electrodynamics. Nature Physics, 2019, 15, 803-808.	16.7	131
105	From blockade to transparency: Controllable photon transmission through a circuit-QED system. Physical Review A, 2014, 89, .	2.5	130
106	Tunable photon blockade in a hybrid system consisting of an optomechanical device coupled to a two-level system. Physical Review A, 2015, 92, .	2.5	130
107	Controllable Coupling between Flux Qubits. Physical Review Letters, 2006, 96, 067003.	7.8	129
108	Conservation of the spin and orbital angular momenta in electromagnetism. New Journal of Physics, 2014, 16, 093037.	2.9	129

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109	Spatiotemporal dynamics and plastic flow of vortices in superconductors with periodic arrays of pinning sites. Physical Review B, 1996, 54, 16108-16115.	3.2	128
110	Experimentally realizable devices for controlling the motion of magnetic flux quanta in anisotropic superconductors. Nature Materials, 2002, 1, 179-184.	27.5	128
111	Majorana corner states in a two-dimensional magnetic topological insulator on a high-temperature superconductor. Physical Review B, 2018, 98, .	3.2	128
112	Ratchet without spatial asymmetry for controlling the motion of magnetic flux quanta using time-asymmetric drives. Nature Materials, 2006, 5, 305-311.	27.5	127
113	Entanglement dynamics of two qubits in a common bath. Physical Review A, 2012, 85, .	2.5	127
114	Hybrid Quantum Device with Nitrogen-Vacancy Centers in Diamond Coupled to Carbon Nanotubes. Physical Review Letters, 2016, 117, 015502.	7.8	127
115	Controlling Transport in Mixtures of Interacting Particles using Brownian Motors. Physical Review Letters, 2003, 91, 010601.	7.8	125
116	Controlling the transport of single photons by tuning the frequency of either one or two cavities in an array of coupled cavities. Physical Review A, 2010, 81, .	2.5	123
117	One Photon Can Simultaneously Excite Two or More Atoms. Physical Review Letters, 2016, 117, 043601.	7.8	123
118	Controllable manipulation and entanglement of macroscopic quantum states in coupled charge qubits. Physical Review B, 2003, 68, .	3.2	122
119	Strong coupling of a spin qubit to a superconducting stripline cavity. Physical Review B, 2012, 86, .	3.2	119
120	Cavity-Free Optical Isolators and Circulators Using a Chiral Cross-Kerr Nonlinearity. Physical Review Letters, 2018, 121, 203602.	7.8	119
121	Quantum Zeno switch for single-photon coherent transport. Physical Review A, 2009, 80, .	2.5	118
122	Multiphoton quantum Rabi oscillations in ultrastrong cavity QED. Physical Review A, 2015, 92, .	2.5	118
123	Surface plasmons in a metal nanowire coupled to colloidal quantum dots: Scattering properties and quantum entanglement. Physical Review B, 2011, 84, .	3.2	117
124	Generalized Thue-Morse chains and their physical properties. Physical Review B, 1991, 43, 1034-1047.	3.2	115
125	Collective Interaction-Driven Ratchet for Transporting Flux Quanta. Physical Review Letters, 2001, 87, 177002.	7.8	115
126	Generation of nonclassical photon states using a superconducting qubit in a microcavity. Europhysics Letters, 2004, 67, 941-947.	2.0	115

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127	Transverse Spin and Momentum in Two-Wave Interference. Physical Review X, 2015, 5, .	8.9	114
128	Deterministic quantum nonlinear optics with single atoms and virtual photons. Physical Review A, 2017, 95, .	2.5	113
129	Magnetoelectric Effects in Local Light-Matter Interactions. Physical Review Letters, 2014, 113, 033601.	7.8	111
130	Imaging of avalanches in granular materials. Physical Review Letters, 1992, 69, 2431-2434.	7.8	110
131	Spin-Hall effect and circular birefringence of a uniaxial crystal plate. Optica, 2016, 3, 1039.	9.3	110
132	Controlling the Motion of Magnetic Flux Quanta. Physical Review Letters, 2004, 92, 180602.	7.8	109
133	Generation and Control of Greenberger-Horne-Zeilinger Entanglement in Superconducting Circuits. Physical Review Letters, 2006, 96, 246803.	7.8	109
134	Controllable Coherent Population Transfers in Superconducting Qubits for Quantum Computing. Physical Review Letters, 2008, 100, 113601.	7.8	107
135	Optical momentum and angular momentum in complex media: from the Abraham–Minkowski debate to unusual properties of surface plasmon-polaritons. New Journal of Physics, 2017, 19, 123014.	2.9	107
136	Direct Observation of Rectified Motion of Vortices in a Niobium Superconductor. Physical Review Letters, 2005, 95, 087002.	7.8	106
137	Squeezed Phonon States: Modulating Quantum Fluctuations of Atomic Displacements. Physical Review Letters, 1996, 76, 2294-2297.	7.8	105
138	Electronic spectrum of twisted bilayer graphene. Physical Review B, 2015, 92, .	3.2	104
139	Nonreciprocal Phonon Laser. Physical Review Applied, 2018, 10, .	3.8	104
140	Giant nonlinearity via breaking parity-time symmetry: A route to low-threshold phonon diodes. Physical Review B, 2015, 92, .	3.2	103
141	Breaking Anti-PT Symmetry by Spinning a Resonator. Nano Letters, 2020, 20, 7594-7599.	9.1	103
142	Quantum Two-Level Systems in Josephson Junctions as Naturally Formed Qubits. Physical Review Letters, 2006, 97, 077001.	7.8	102
143	Multistability of electromagnetically induced transparency in atom-assisted optomechanical cavities. Physical Review A, 2011, 83, .	2.5	102
144	Effective Hamiltonian approach to the Kerr nonlinearity in an optomechanical system. Physical Review A, 2009, 80, .	2.5	99

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145	Self-Organized Critical Behavior in Pinned Flux Lattices. Physical Review Letters, 1991, 67, 919-922.	7.8	98
146	Exceptional Points in Random-Defect Phonon Lasers. Physical Review Applied, 2017, 8, .	3.8	98
147	Topological non-Hermitian origin of surface Maxwell waves. Nature Communications, 2019, 10, 580.	12.8	98
148	Nonlinear signal mixing in a ratchet device. Europhysics Letters, 2004, 67, 179-185.	2.0	97
149	Photon trajectories, anomalous velocities and weak measurements: a classical interpretation. New Journal of Physics, 2013, 15, 073022.	2.9	97
150	Probing Tiny Motions of Nanomechanical Resonators: Classical or Quantum Mechanical?. Physical Review Letters, 2006, 97, 237201.	7.8	96
151	Scalable superconducting qubit circuits using dressed states. Physical Review A, 2006, 74, .	2.5	96
152	Geometric Stochastic Resonance. Physical Review Letters, 2010, 104, 020601.	7.8	96
153	Observation of the Larmor and Gouy Rotations with Electron Vortex Beams. Physical Review Letters, 2013, 110, 093601.	7.8	96
154	Quantum entanglement via two-qubit quantum Zeno dynamics. Physical Review A, 2008, 77, .	2.5	95
155	Transport and localization in periodic and disordered graphene superlattices. Physical Review B, 2009, 79, .	3.2	95
156	Fractal Networks, Braiding Channels, and Voltage Noise in Intermittently Flowing Rivers of Quantized Magnetic Flux. Physical Review Letters, 1998, 80, 2197-2200.	7.8	94
157	Moving Wigner Glasses and Smectics: Dynamics of Disordered Wigner Crystals. Physical Review Letters, 2001, 86, 4354-4357.	7.8	94
158	Critical Currents in Quasiperiodic Pinning Arrays: Chains and Penrose Lattices. Physical Review Letters, 2005, 95, 177007.	7.8	93
159	Tunable electromagnetically induced transparency and absorption with dressed superconducting qubits. Physical Review A, 2010, 81, .	2.5	93
160	Coupling strength estimation for spin chains despite restricted access. Physical Review A, 2009, 79, .	2.5	92
161	Instabilities of the <mml:math <br="" xmlns:mml="http://www.w3.org/1998/Math/MathML">display="inline"><mml:mi>A</mml:mi><<mml:mi>A</mml:mi>>Stacked Graphene Bilayer. Physical Review Letters, 2012, 109, 206801.</mml:math>	7.8	92
162	Efficient quantum simulation of photosynthetic light harvesting. Npj Quantum Information, 2018, 4, .	6.7	92

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163	Spin and orbital angular momenta of acoustic beams. Physical Review B, 2019, 99, .	3.2	92
164	Controllable step motors and rectifiers of magnetic flux quanta using periodic arrays of asymmetric pinning defects. Physical Review B, 2003, 68, .	3.2	90
165	Single-photon-driven high-order sideband transitions in an ultrastrongly coupled circuit-quantum-electrodynamics system. Physical Review A, 2017, 96, .	2.5	90
166	Spectral splitting and wave-function scaling in quasicrystalline and hierarchical structures. Physical Review B, 1990, 42, 10329-10341.	3.2	89
167	Theoretical analysis of the thermal conductivity ofYBa2Cu3O7â^Î single crystals. Physical Review B, 1991, 44, 9508-9513.	3.2	89
168	Electron Vortex Beams in a Magnetic Field: A New Twist on Landau Levels and Aharonov-Bohm States. Physical Review X, 2012, 2, .	8.9	89
169	Quantum Fisher information as a signature of the superradiant quantum phase transition. New Journal of Physics, 2014, 16, 063039.	2.9	89
170	Superconducting vortex avalanches, voltage bursts, and vortex plastic flow: Effect of the microscopic pinning landscape on the macroscopic properties. Physical Review B, 1997, 56, 6175-6194.	3.2	88
171	Shortcuts to Adiabaticity for the Quantum Rabi Model: Efficient Generation of Giant Entangled Cat States via Parametric Amplification. Physical Review Letters, 2021, 126, 023602.	7.8	88
172	Intermittently Flowing Rivers of Magnetic Flux. Science, 1996, 271, 1373-1374.	12.6	86
173	Landau-Zener-Stückelberg interferometry of a single electron charge qubit. Physical Review B, 2012, 86, .	3.2	86
174	Vortex plastic flow, local flux density, magnetization hysteresis loops, and critical current, deep in the Bose-glass and Mott-insulator regimes. Physical Review B, 1996, 53, R8898-R8901.	3.2	85
175	Phonon Squeezed States Generated by Second-Order Raman Scattering. Physical Review Letters, 1997, 79, 4605-4608.	7.8	85
176	Transport via nonlinear signal mixing in ratchet devices. Physical Review E, 2004, 70, 066109.	2.1	85
177	Hybrid quantum circuit consisting of a superconducting flux qubit coupled to a spin ensemble and a transmission-line resonator. Physical Review B, 2013, 87, .	3.2	84
178	Electromagnetically induced transparency and Autler-Townes splitting in superconducting flux quantum circuits. Physical Review A, 2014, 89, .	2.5	84
179	Quantifying Non-Markovianity with Temporal Steering. Physical Review Letters, 2016, 116, 020503.	7.8	84
180	Trace maps of general substitutional sequences. Physical Review B, 1990, 42, 1062-1065.	3.2	83

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181	Manipulating Small Particles in Mixtures far from Equilibrium. Physical Review Letters, 2004, 92, 160602.	7.8	83
182	Quantum transducers: Integrating transmission lines and nanomechanical resonators via charge qubits. Physical Review A, 2006, 73, .	2.5	83
183	Two-mode squeezed states and entangled states of two mechanical resonators. Physical Review B, 2007, 76, .	3.2	83
184	Tunable multiphonon blockade in coupled nanomechanical resonators. Physical Review A, 2016, 93, .	2.5	83
185	Nonreciprocal ground-state cooling of multiple mechanical resonators. Physical Review A, 2020, 102, .	2.5	82
186	Transverse spinning of unpolarized light. Nature Photonics, 2021, 15, 156-161.	31.4	82
187	Analogues of nonlinear optics using terahertz Josephson plasma waves in layered superconductors. Nature Physics, 2006, 2, 521-525.	16.7	81
188	Sudden vanishing of spin squeezing under decoherence. Physical Review A, 2010, 81, .	2.5	81
189	Nanoparticle sensing with a spinning resonator. Optica, 2018, 5, 1424.	9.3	81
190	Preparation of macroscopic quantum superposition states of a cavity field via coupling to a superconducting charge qubit. Physical Review A, 2005, 71, .	2.5	80
191	Quantum emulation of a spin system with topologically protected ground states using superconducting quantum circuits. Physical Review B, 2010, 81, .	3.2	80
192	Scalable quantum computation via local control of only two qubits. Physical Review A, 2010, 81, .	2.5	80
193	Imaging the dynamics of free-electron Landau states. Nature Communications, 2014, 5, 4586.	12.8	80
194	Probing dynamical phase transitions with a superconducting quantum simulator. Science Advances, 2020, 6, eaba4935.	10.3	80
195	Producing Cluster States in Charge Qubits and Flux Qubits. Physical Review Letters, 2006, 97, 230501.	7.8	79
196	Lamb-Dicke spectroscopy of atoms in a hollow-core photonic crystal fibre. Nature Communications, 2014, 5, 4096.	12.8	79
197	Method for observing robust and tunable phonon blockade in a nanomechanical resonator coupled to a charge qubit. Physical Review A, 2016, 93, .	2.5	79
198	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi mathvariant="script">PT</mml:mi </mml:math> -symmetric circuit QED. Physical Review A, 2018, 97, .	2.5	79

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199	Tunable Chiral Bound States with Giant Atoms. Physical Review Letters, 2021, 126, 043602.	7.8	79
200	Surface Josephson Plasma Waves in Layered Superconductors. Physical Review Letters, 2005, 95, 187002.	7.8	77
201	Persistent single-photon production by tunable on-chip micromaser with a superconducting quantum circuit. Physical Review B, 2007, 75, .	3.2	77
202	Quantum memory using a hybrid circuit with flux qubits and nitrogen-vacancy centers. Physical Review A, 2013, 88, .	2.5	76
203	Nonlinear Nanodevices Using Magnetic Flux Quanta. Physical Review Letters, 2007, 99, 207003.	7.8	75
204	Interqubit coupling mediated by a high-excitation-energy quantum object. Physical Review B, 2008, 77, .	3.2	75
205	Electric-current-induced unidirectional propagation of surface plasmon-polaritons. Optics Letters, 2018, 43, 963.	3.3	75
206	Simultaneous Cooling of an Artificial Atom and Its Neighboring Quantum System. Physical Review Letters, 2008, 100, 047001.	7.8	73
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