Franco Nori

List of Publications by Citations

801 papers	52,116 citations	104 h-index	199 g-index
858 ext. papers	62,552 ext. citations	6 avg, IF	8.27 L-index

#	Paper	IF	Citations
801	The transcriptional landscape of the mammalian genome. *Science*, **2005**, 309, 1559-63	33.3	2807
800	Parityâ□time-symmetric whispering-gallery microcavities. *Nature Physics*, **2014**, 10, 394-398	16.2	1394
799	Quantum simulation. *Reviews of Modern Physics*, **2014**, 86, 153-185	40.5	1208
798	Spinâ□orbit interactions of light. *Nature Photonics*, **2015**, 9, 796-808	33.9	1011
797	Hybrid quantum circuits: Superconducting circuits interacting with other quantum systems. *Reviews of Modern Physics*, **2013**, 85, 623-653	40.5	923
796	Atomic physics and quantum optics using superconducting circuits. *Nature*, **2011**, 474, 589-97	50.4	875
795	QuTiP 2: A Python framework for the dynamics of open quantum systems. *Computer Physics Communications*, **2013**, 184, 1234-1240	4.2	845
794	Superconducting Circuits and Quantum Information. *Physics Today*, **2005**, 58, 42-47	0.9	809
793	QuTiP: An open-source Python framework for the dynamics of open quantum systems. *Computer Physics Communications*, **2012**, 183, 1760-1772	4.2	622
792	Observation of the dynamical Casimir effect in a superconducting circuit. *Nature*, **2011**, 479, 376-9	50.4	598
791	Quantum simulators. *Science*, **2009**, 326, 108-11	33.3	582
790	Loss-induced suppression and revival of lasing. *Science*, **2014**, 346, 328-32	33.3	546
789	Quantum biology. *Nature Physics*, **2013**, 9, 10-18	16.2	545
788	Microwave photonics with superconducting quantum circuits. *Physics Reports*, **2017**, 718-719, 1-102	27.7	523
787	Landauâ□enerâ□Stü□kelberg interferometry. *Physics Reports*, **2010**, 492, 1-30	27.7	508
786	Ultrastrong coupling between light and matter. *Nature Reviews Physics*, **2019**, 1, 19-40	23.6	482
785	Natural and artificial atoms for quantum computation. *Reports on Progress in Physics*, **2011**, 74, 104401	14.4	447

784	Quantum thermodynamic cycles and quantum heat engines. *Physical Review E*, **2007**, 76, 031105	2.4	425
783	OPTICS. Quantum spin Hall effect of light. *Science*, **2015**, 348, 1448-51	33.3	416
782	Parity-time symmetry and exceptional points in photonics. *Nature Materials*, **2019**, 18, 783-798	27	414
781	Quantum spin squeezing. *Physics Reports*, **2011**, 509, 89-165	27.7	405
780	Transverse and longitudinal angular momenta of light. *Physics Reports*, **2015**, 592, 1-38	27.7	396
779	A superconducting reversible rectifier that controls the motion of magnetic flux quanta. *Science*, **2003**, 302, 1188-91	33.3	395
778	Extraordinary momentum and spin in evanescent waves. *Nature Communications*, **2014**, 5, 3300	17.4	386
777	Edge Modes, Degeneracies, and Topological Numbers in Non-Hermitian Systems. *Physical Review Letters*, **2017**, 118, 040401	7.4	378
776	Colloquium: The physics of Maxwellâs demon and information. *Reviews of Modern Physics*, **2009**, 81, 1-23	40.5	368
775	Controllable scattering of a single photon inside a one-dimensional resonator waveguide. *Physical Review Letters*, **2008**, 101, 100501	7.4	366
774	PT-symmetric phonon laser. *Physical Review Letters*, **2014**, 113, 053604	7.4	362
773	Colloquium: Stimulating uncertainty: Amplifying the quantum vacuum with superconducting circuits. *Reviews of Modern Physics*, **2012**, 84, 1-24	40.5	324
772	Brownian motors. *Annalen Der Physik*, **2005**, 14, 51-70	2.6	317
771	Wet granular materials. *Advances in Physics*, **2006**, 55, 1-45	18.4	313
770	What is and what is not electromagnetically induced transparency in whispering-gallery microcavities. *Nature Communications*, **2014**, 5, 5082	17.4	303
769	Electronic properties of mesoscopic graphene structures: Charge confinement and control of spin and charge transport. *Physics Reports*, **2011**, 503, 77-114	27.7	302
768	Nonequilibrium Dynamic Phase Diagram for Vortex Lattices. *Physical Review Letters*, **1998**, 81, 3757-3760	7.4	293
767	Quantum information processing with superconducting qubits in a microwave field. *Physical Review B*, **2003**, 68,	3.3	286

766	Observation of non-Hermitian degeneracies in a chaotic exciton-polariton billiard. *Nature*, **2015**, 526, 554-8	50.4	281
765	Optical selection rules and phase-dependent adiabatic state control in a superconducting quantum circuit. *Physical Review Letters*, **2005**, 95, 087001	7.4	254
764	Renormalization-group study of one-dimensional quasiperiodic systems. *Physical Review Letters*, **1986**, 57, 2057-2060	7.4	247
763	Qubit-oscillator systems in the ultrastrong-coupling regime and their potential for preparing nonclassical states. *Physical Review A*, **2010**, 81,	2.6	244
762	Superconducting vortex avalanches. *Physical Review Letters*, **1995**, 74, 1206-1209	7.4	241
761	Semiclassical dynamics of electron wave packet states with phase vortices. *Physical Review Letters*, **2007**, 99, 190404	7.4	240
760	Dynamic Phases of Vortices in Superconductors with Periodic Pinning. *Physical Review Letters*, **1997** , 78, 2648-2651	7.4	232
759	Commensurate and incommensurate vortex states in superconductors with periodic pinning arrays. *Physical Review B*, **1998**, 57, 7937-7943	3.3	223
758	LeggettâCarg inequalities. *Reports on Progress in Physics*, **2014**, 77, 016001	14.4	211
757	Optomechanically-induced transparency in parity-time-symmetric microresonators. *Scientific Reports*, **2015**, 5, 9663	4.9	210
756	General non-Markovian dynamics of open quantum systems. *Physical Review Letters*, **2012**, 109, 170402	7.4	209
755	Electronic properties of graphene-based bilayer systems. *Physics Reports*, **2016**, 648, 1-104	27.7	208
754	Superconducting Fluxon Pumps and Lenses. *Physical Review Letters*, **1999**, 83, 5106-5109	7.4	208
753	Nonperturbative theory of weak pre- and post-selected measurements. *Physics Reports*, **2012**, 520, 43-133	27.7	205
752	Transverse spin of a surface polariton. *Physical Review A*, **2012**, 85,	2.6	205
751	Metrology with PT-Symmetric Cavities: Enhanced Sensitivity near the PT-Phase Transition. *Physical Review Letters*, **2016**, 117, 110802	7.4	199
750	Dynamical Casimir effect in a superconducting coplanar waveguide. *Physical Review Letters*, **2009**, 103, 147003	7.4	192
749	Colloquium: Unusual resonators: Plasmonics, metamaterials, and random media. *Reviews of Modern Physics*, **2008**, 80, 1201-1213	40.5	189

748	Fisher information under decoherence in Bloch representation. *Physical Review A*, **2013**, 87,	2.6	188
747	Witnessing Quantum Coherence: from solid-state to biological systems. *Scientific Reports*, **2012**, 2, 885	4.9	186
746	Second-Order Topological Phases in Non-Hermitian Systems. *Physical Review Letters*, **2019**, 122, 076801	7.4	186
745	Dual electromagnetism: helicity, spin, momentum and angular momentum. *New Journal of Physics*, **2013**, 15, 033026	2.9	185
744	Squeezed optomechanics with phase-matched amplification and dissipation. *Physical Review Letters* , **2015**, 114, 093602	7.4	182
743	Two-level systems driven by large-amplitude fields. *Physical Review A*, **2007**, 75,	2.6	178
742	Acoustic and electronic properties of one-dimensional quasicrystals. *Physical Review B*, **1986**, 34, 2207-2211	3.5	178
741	Self-propelled Janus particles in a ratchet: numerical simulations. *Physical Review Letters*, **2013**, 110, 268301	7.4	173
740	Spin oscillations in antiferromagnetic NiO triggered by circularly polarized light. *Physical Review Letters*, **2010**, 105, 077402	7.4	173
739	Photon blockade in quadratically coupled optomechanical systems. *Physical Review A*, **2013**, 88,	2.6	172
738	Chaotic dynamics of falling disks. *Nature*, **1997**, 388, 252-254	50.4	172
737	Observing brownian motion in vibration-fluidized granular matter. *Nature*, **2003**, 424, 909-12	50.4	172
736	Scalable quantum computing with Josephson charge qubits. *Physical Review Letters*, **2002**, 89, 197902	7.4	167
735	Characterizing optical chirality. *Physical Review A*, **2011**, 83,	2.6	162
734	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	3.3	157
733	Phase Locking, Devil's Staircases, Farey Trees, and Arnold Tongues in Driven Vortex Lattices with Periodic Pinning. *Physical Review Letters*, **1999**, 82, 414-417	7.4	147
732	Cavity optomechanical coupling assisted by an atomic gas. *Physical Review A*, **2008**, 78,	2.6	146
731	Low-decoherence flux qubit. *Physical Review B*, **2007**, 75,	3.3	146

730	Theory and applications of free-electron vortex states. *Physics Reports*, **2017**, 690, 1-70	27.7	144
729	A phonon laser operating at an exceptional point. *Nature Photonics*, **2018**, 12, 479-484	33.9	141
728	Relativistic electron vortex beams: angular momentum and spin-orbit interaction. *Physical Review Letters*, **2011**, 107, 174802	7.4	140
727	Testing nonclassicality in multimode fields: A unified derivation of classical inequalities. *Physical Review A*, **2010**, 82,	2.6	136
726	Steady-state mechanical squeezing in an optomechanical system via Duffing nonlinearity. *Physical Review A*, **2015**, 91,	2.6	129
725	Nonreciprocal Photon Blockade. *Physical Review Letters*, **2018**, 121, 153601	7.4	129
724	Optomechanical analog of two-color electromagnetically induced transparency: Photon transmission through an optomechanical device with a two-level system. *Physical Review A*, **2014**, 90,	2.6	128
723	Cavity quantum electrodynamics with ferromagnetic magnons in a small yttrium-iron-garnet sphere. *Npj Quantum Information*, **2015**, 1,	8.6	127
722	Quantum supercavity with atomic mirrors. *Physical Review A*, **2008**, 78,	2.6	126
721	Dynamical Casimir effect in superconducting microwave circuits. *Physical Review A*, **2010**, 82,	2.6	125
720	Optomechanically induced stochastic resonance and chaos transfer between optical fields. *Nature Photonics*, **2016**, 10, 399-405	33.9	123
719	Experimentally realizable devices for controlling the motion of magnetic flux quanta in anisotropic superconductors. *Nature Materials*, **2002**, 1, 179-84	27	122
718	Controllable manipulation and entanglement of macroscopic quantum states in coupled charge qubits. *Physical Review B*, **2003**, 68,	3.3	121
717	Controlling transport in mixtures of interacting particles using Brownian motors. *Physical Review Letters*, **2003**, 91, 010601	7.4	120
716	Spatiotemporal dynamics and plastic flow of vortices in superconductors with periodic arrays of pinning sites. *Physical Review B*, **1996**, 54, 16108-16115	3.3	120
715	Terahertz Josephson plasma waves in layered superconductors: spectrum, generation, nonlinear and quantum phenomena. *Reports on Progress in Physics*, **2010**, 73, 026501	14.4	119
714	Controllable coupling between flux qubits. *Physical Review Letters*, **2006**, 96, 067003	7.4	119
713	Ratchet without spatial asymmetry for controlling the motion of magnetic flux quanta using time-asymmetric drives. *Nature Materials*, **2006**, 5, 305-11	27	117

712	Quantum-criticality-induced strong Kerr nonlinearities in optomechanical systems. *Scientific Reports*, **2013**, 3, 2943	4.9	115
711	Direct measurements of the extraordinary optical momentum and transverse spin-dependent force using a nano-cantilever. *Nature Physics*, **2016**, 12, 731-735	16.2	113
710	Optical Momentum, Spin, and Angular Momentum in Dispersive Media. *Physical Review Letters*, **2017**, 119, 073901	7.4	112
709	Qubit-induced phonon blockade as a signature of quantum behavior in nanomechanical resonators. *Physical Review A*, **2010**, 82,	2.6	111
708	Generalized Thue-Morse chains and their physical properties. *Physical Review B*, **1991**, 43, 1034-1047	3.3	111
707	Quantum metamaterials: Electromagnetic waves in a Josephson qubit line. *Physical Review B*, **2008**, 77,	3.3	110
706	Maxwell's demon assisted thermodynamic cycle in superconducting quantum circuits. *Physical Review Letters*, **2006**, 97, 180402	7.4	110
705	Two-photon and three-photon blockades in driven nonlinear systems. *Physical Review A*, **2013**, 87,	2.6	109
704	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,	2.6	109
703	Collective interaction-driven ratchet for transporting flux quanta. *Physical Review Letters*, **2001**, 87, 177002	7.4	109
702	High-order exceptional points in optomechanics. *Scientific Reports*, **2017**, 7, 3386	4.9	108
701	Quantum feedback: Theory, experiments, and applications. *Physics Reports*, **2017**, 679, 1-60	27.7	105
700	Entanglement dynamics of two qubits in a common bath. *Physical Review A*, **2012**, 85,	2.6	104
699	Controlling the motion of magnetic flux quanta. *Physical Review Letters*, **2004**, 92, 180602	7.4	104
698	Imaging of avalanches in granular materials. *Physical Review Letters*, **1992**, 69, 2431-2434	7.4	104
697	Single-photon router: Coherent control of multichannel scattering for single photons with quantum interferences. *Physical Review A*, **2014**, 89,	2.6	103
696	Surface plasmons in a metal nanowire coupled to colloidal quantum dots: Scattering properties and quantum entanglement. *Physical Review B*, **2011**, 84,	3.3	103
695	Generation of nonclassical photon states using a superconducting qubit in a microcavity. *Europhysics Letters*, **2004**, 67, 941-947	1.6	101

694	Circuit quantum acoustodynamics with surface acoustic waves. *Nature Communications*, **2017**, 8, 975	17.4	99
693	Direct observation of rectified motion of vortices in a niobium superconductor. *Physical Review Letters*, **2005**, 95, 087002	7.4	99
692	Conservation of the spin and orbital angular momenta in electromagnetism. *New Journal of Physics*, **2014**, 16, 093037	2.9	98
691	Generation and control of Greenberger-Horne-Zeilinger entanglement in superconducting circuits. *Physical Review Letters*, **2006**, 96, 246803	7.4	98
690	Squeezed phonon states: Modulating quantum fluctuations of atomic displacements. *Physical Review Letters*, **1996**, 76, 2294-2297	7.4	98
689	Quantum Zeno switch for single-photon coherent transport. *Physical Review A*, **2009**, 80,	2.6	97
688	Multiphoton quantum Rabi oscillations in ultrastrong cavity QED. *Physical Review A*, **2015**, 92,	2.6	96
687	From blockade to transparency: Controllable photon transmission through a circuit-QED system. *Physical Review A*, **2014**, 89,	2.6	96
686	One Photon Can Simultaneously Excite Two or More Atoms. *Physical Review Letters*, **2016**, 117, 043601	7.4	95
685	Strong coupling of a spin qubit to a superconducting stripline cavity. *Physical Review B*, **2012**, 86,	3.3	95
684	Entangling two macroscopic mechanical mirrors in a two-cavity optomechanical system. *Physical Review A*, **2014**, 89,	2.6	94
683	Tunable photon blockade in a hybrid system consisting of an optomechanical device coupled to a two-level system. *Physical Review A*, **2015**, 92,	2.6	94
682	Nonlinear signal mixing in a ratchet device. *Europhysics Letters*, **2004**, 67, 179-185	1.6	94
681	Self-organized critical behavior in pinned flux lattices. *Physical Review Letters*, **1991**, 67, 919-922	7.4	93
680	Exponentially Enhanced Light-Matter Interaction, Cooperativities, and Steady-State Entanglement Using Parametric Amplification. *Physical Review Letters*, **2018**, 120, 093601	7.4	92
679	Quantum two-level systems in Josephson junctions as naturally formed qubits. *Physical Review Letters*, **2006**, 97, 077001	7.4	92
678	Fractal Networks, Braiding Channels, and Voltage Noise in Intermittently Flowing Rivers of Quantized Magnetic Flux. *Physical Review Letters*, **1998**, 80, 2197-2200	7.4	91
677	Controllable coherent population transfers in superconducting qubits for quantum computing. *Physical Review Letters*, **2008**, 100, 113601	7.4	90

676	Strongly correlated quantum walks with a 12-qubit superconducting processor. *Science*, **2019**, 364, 753-756	333	89
675	Transport and localization in periodic and disordered graphene superlattices. *Physical Review B*, **2009**, 79,	3.3	89
674	Probing tiny motions of nanomechanical resonators: classical or quantum mechanical?. *Physical Review Letters*, **2006**, 97, 237201	7.4	89
673	Tunable electromagnetically induced transparency and absorption with dressed superconducting qubits. *Physical Review A*, **2010**, 81,	2.6	86
672	Flying couplers above spinning resonators generate irreversible refraction. *Nature*, **2018**, 558, 569-572	50.4	86
671	Scalable superconducting qubit circuits using dressed states. *Physical Review A*, **2006**, 74,	2.6	85
670	Hybrid Quantum Device with Nitrogen-Vacancy Centers in Diamond Coupled to Carbon Nanotubes. *Physical Review Letters*, **2016**, 117, 015502	7.4	84
669	Geometric stochastic resonance. *Physical Review Letters*, **2010**, 104, 020601	7.4	84
668	Multistability of electromagnetically induced transparency in atom-assisted optomechanical cavities. *Physical Review A*, **2011**, 83,	2.6	83
667	Critical currents in quasiperiodic pinning arrays: chains and Penrose lattices. *Physical Review Letters*, **2005**, 95, 177007	7.4	83
666	Transport via nonlinear signal mixing in ratchet devices. *Physical Review E*, **2004**, 70, 066109	2.4	83
665	Controllable step motors and rectifiers of magnetic flux quanta using periodic arrays of asymmetric pinning defects. *Physical Review B*, **2003**, 68,	3.3	83
664	Intermittently Flowing Rivers of Magnetic Flux. *Science*, **1996**, 271, 1373-1374	33.3	82
663	Theoretical analysis of the thermal conductivity of YBa2Cu3O7- delta single crystals. *Physical Review B*, **1991**, 44, 9508-9513	3.3	82
662	Phonon Squeezed States Generated by Second-Order Raman Scattering. *Physical Review Letters*, **1997**, 79, 4605-4608	7.4	81
661	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	3.3	81
660	Giant nonlinearity via breaking parity-time symmetry: A route to low-threshold phonon diodes. *Physical Review B*, **2015**, 92,	3.3	80
659	Manipulating small particles in mixtures far from equilibrium. *Physical Review Letters*, **2004**, 92, 160602	7.4	80

658	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	3.3	80
657	Spectral splitting and wave-function scaling in quasicrystalline and hierarchical structures. *Physical Review B*, **1990**, 42, 10329-10341	3.3	80
656	Magnetoelectric effects in local light-matter interactions. *Physical Review Letters*, **2014**, 113, 033601	7.4	79
655	Observation of the Larmor and Gouy rotations with electron vortex beams. *Physical Review Letters*, **2013**, 110, 093601	7.4	79
654	Deterministic quantum nonlinear optics with single atoms and virtual photons. *Physical Review A*, **2017**, 95,	2.6	78
653	Two-mode squeezed states and entangled states of two mechanical resonators. *Physical Review B*, **2007**, 76,	3.3	78
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650	Effective Hamiltonian approach to the Kerr nonlinearity in an optomechanical system. *Physical Review A*, **2009**, 80,	2.6	76
649	Quantum entanglement via two-qubit quantum Zeno dynamics. *Physical Review A*, **2008**, 77,	2.6	76
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647	Transverse Spin and Momentum in Two-Wave Interference. *Physical Review X*, **2015**, 5,	9.1	75
646	Preparation of macroscopic quantum superposition states of a cavity field via coupling to a superconducting charge qubit. *Physical Review A*, **2005**, 71,	2.6	75
645	Spin-Hall effect and circular birefringence of a uniaxial crystal plate. *Optica*, **2016**, 3, 1039	8.6	75
644	Optical momentum and angular momentum in complex media: from the Abrahamâ€“Minkowski debate to unusual properties of surface plasmon-polaritons. *New Journal of Physics*, **2017**, 19, 123014	2.9	74
643	Single-photon-driven high-order sideband transitions in an ultrastrongly coupled circuit-quantum-electrodynamics system. *Physical Review A*, **2017**, 96,	2.6	74
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641	Quantum transducers: Integrating transmission lines and nanomechanical resonators via charge qubits. *Physical Review A*, **2006**, 73,	2.6	74

640	Sudden vanishing of spin squeezing under decoherence. *Physical Review A*, **2010**, 81,	2.6	73
639	Persistent single-photon production by tunable on-chip micromaser with a superconducting quantum circuit. *Physical Review B*, **2007**, 75,	3.3	73
638	Exceptional Points in Random-Defect Phonon Lasers. *Physical Review Applied*, **2017**, 8,	4.3	72
637	Electronic spectrum of twisted bilayer graphene. *Physical Review B*, **2015**, 92,	3.3	72
636	Hybrid quantum circuit consisting of a superconducting flux qubit coupled to a spin ensemble and a transmission-line resonator. *Physical Review B*, **2013**, 87,	3.3	72
635	Electron Vortex Beams in a Magnetic Field: A New Twist on Landau Levels and Aharonov-Bohm States. *Physical Review X*, **2012**, 2,	9.1	72
634	Analogues of nonlinear optics using terahertz Josephson plasma waves in layered superconductors. *Nature Physics*, **2006**, 2, 521-525	16.2	72
633	Interqubit coupling mediated by a high-excitation-energy quantum object. *Physical Review B*, **2008**, 77,	3.3	71
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631	Moving Wigner glasses and smectics: dynamics of disordered Wigner crystals. *Physical Review Letters*, **2001**, 86, 4354-7	7.4	71
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626	Nonlinear nanodevices using magnetic flux quanta. *Physical Review Letters*, **2007**, 99, 207003	7.4	69
625	Electromagnetically induced transparency and Autler-Townes splitting in superconducting flux quantum circuits. *Physical Review A*, **2014**, 89,	2.6	68
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621	Simultaneous cooling of an artificial atom and its neighboring quantum system. *Physical Review Letters*, **2008**, 100, 047001	7.4	67
620	Lamb-Dicke spectroscopy of atoms in a hollow-core photonic crystal fibre. *Nature Communications*, **2014**, 5, 4096	17.4	66
619	Dynamics and quantum Zeno effect for a qubit in either a low- or high-frequency bath beyond the rotating-wave approximation. *Physical Review A*, **2010**, 82,	2.6	66
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614	Quantum phonon optics: Coherent and squeezed atomic displacements. *Physical Review B*, **1996**, 53, 2419-2424	3.3	65
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612	Quantum emulation of a spin system with topologically protected ground states using superconducting quantum circuits. *Physical Review B*, **2010**, 81,	3.3	64
611	Surface Josephson plasma waves in layered superconductors. *Physical Review Letters*, **2005**, 95, 187002	7.4	64
610	Topological non-Hermitian origin of surface Maxwell waves. *Nature Communications*, **2019**, 10, 580	17.4	63
609	Majorana corner states in a two-dimensional magnetic topological insulator on a high-temperature superconductor. *Physical Review B*, **2018**, 98,	3.3	63
608	Phase gate of one qubit simultaneously controlling n qubits in a cavity. *Physical Review A*, **2010**, 81,	2.6	62
607	Phonon squeezed states: quantum noise reduction in solids. *Physica B: Condensed Matter*, **1999**, 263-264, 16-29	2.8	62
606	Confirmation of the modified Bean model from simulations of superconducting vortices. *Physical Review Letters*, **1994**, 72, 1268-1271	7.4	62
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604	Theory of superconducting wire networks and Josephson-junction arrays in magnetic fields. *Physical Review B*, **1989**, 39, 2134-2150	3.3	61
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601	Tunable multiphonon blockade in coupled nanomechanical resonators. *Physical Review A*, **2016**, 93,	2.6	59
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598	Decoherence in a scalable adiabatic quantum computer. *Physical Review A*, **2006**, 74,	2.6	58
597	Using Josephson vortex lattices to control terahertz radiation: tunable transparency and terahertz photonic crystals. *Physical Review Letters*, **2005**, 94, 157004	7.4	58
596	Method for observing robust and tunable phonon blockade in a nanomechanical resonator coupled to a charge qubit. *Physical Review A*, **2016**, 93,	2.6	57
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594	Distinguishing quantum and classical transport through nanostructures. *Physical Review Letters*, **2010**, 105, 176801	7.4	57
593	Controlled generation of squeezed states of microwave radiation in a superconducting resonant circuit. *Physical Review Letters*, **2008**, 101, 253602	7.4	57
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591	Switchable resonant coupling of flux qubits. *Physical Review B*, **2006**, 74,	3.3	56
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