

# Stefano Longhi

## List of Publications by Year in descending order

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476  
papers

18,286  
citations

13099

68  
h-index

21540

114  
g-index

478  
all docs

478  
docs citations

478  
times ranked

7846  
citing authors

#	ARTICLE	IF	CITATIONS
1	Topological triple phase transition in non-Hermitian Floquet quasicrystals. <i>Nature</i> , 2022, 601, 354-359.	27.8	87
2	Anomalous mobility edges in one-dimensional quasiperiodic models. <i>SciPost Physics</i> , 2022, 12, .	4.9	33
3	Non-Hermitian laser arrays with tunable phase locking. <i>Optics Letters</i> , 2022, 47, 2040.	3.3	5
4	Self-Healing of Non-Hermitian Topological Skin Modes. <i>Physical Review Letters</i> , 2022, 128, 157601.	7.8	48
5	Selective and tunable excitation of topological non-Hermitian quasi-edge modes. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2022, 478, .	2.1	5
6	Non-Hermitian topological mobility edges and transport in photonic quantum walks. <i>Optics Letters</i> , 2022, 47, 2951.	3.3	13
7	Non-Hermitian skin effect and self-acceleration. <i>Physical Review B</i> , 2022, 105, .	3.2	25
8	Vortex microlaser with ultrafast tunability. , 2021, , .		0
9	Floquet Harper-Hofstadter Butterflies and non-Hermitian phase transition in quasicrystals. , 2021, , .		0
10	Phase transitions in a non-Hermitian Aubry-Andr�-Harper model. <i>Physical Review B</i> , 2021, 103, .	3.2	58
11	Spectral deformations in non-Hermitian lattices with disorder and skin effect: A solvable model. <i>Physical Review B</i> , 2021, 103, .	3.2	24
12	Rabi oscillations of bound states in the continuum. <i>Optics Letters</i> , 2021, 46, 2091.	3.3	10
13	Inverse Anderson transition in photonic cages. <i>Optics Letters</i> , 2021, 46, 2872.	3.3	15
14	Intermittent decoherence blockade in a chiral ring environment. <i>Scientific Reports</i> , 2021, 11, 12834.	3.3	2
15	Coexistence of dynamical delocalization and spectral localization through stochastic dissipation. <i>Nature Photonics</i> , 2021, 15, 576-581.	31.4	42
16	Non-Hermitian Maryland model. <i>Physical Review B</i> , 2021, 103, .	3.2	14
17	Dispersive bands of bound states in the continuum. <i>Nanophotonics</i> , 2021, 10, 4241-4249.	6.0	5
18	Experimentally Detecting Quantized Zak Phases without Chiral Symmetry in Photonic Lattices. <i>Physical Review Letters</i> , 2021, 127, 147401.	7.8	43

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19	Non-Hermitian topological phase transitions in superlattices and the optical Dirac equation. Optics Letters, 2021, 46, 4470.	3.3	7
20	Non-Hermitian skin effect beyond the tight-binding models. Physical Review B, 2021, 104, .	3.2	32
21	Maryland model in optical waveguide lattices. Optics Letters, 2021, 46, 637.	3.3	6
22	Bulkâ€“edge correspondence and trapping at a non-Hermitian topological interface. Optics Letters, 2021, 46, 6107.	3.3	9
23	Generalized Aubry-AndrÃ© self-duality and mobility edges in non-Hermitian quasiperiodic lattices. Physical Review B, 2020, 102, .	3.2	73
24	Ultrafast control of fractional orbital angular momentum of microlaser emissions. Light: Science and Applications, 2020, 9, 179.	16.6	34
25	Ultrafast and anharmonic Rabi oscillations between non-Bloch bands. Communications Physics, 2020, 3, .	5.3	41
26	Unraveling the non-Hermitian skin effect in dissipative systems. Physical Review B, 2020, 102, .	3.2	53
27	Tunable topological charge vortex microlaser. Science, 2020, 368, 760-763.	12.6	180
28	SIMMETRIA PARITÃƒfâ,âˆ’-TEMPO IN OTTICA: VERSO UNA NUOVA INGEGNERIA DELLA LUCE. Istituto Lombardo - Accademia Di Scienze E Lettere - Rendiconti Di Scienze, 2020, , .	0.0	0
29	Topological Protection and Control of Quantum Markovianity. Photonics, 2020, 7, 18.	2.0	9
30	Non-Bloch-Band Collapse and Chiral Zener Tunneling. Physical Review Letters, 2020, 124, 066602.	7.8	106
31	Discrete diffraction and Bloch oscillations in non-Hermitian frequency lattices induced by complex photonic gauge fields. Physical Review B, 2020, 101, .	3.2	27
32	Fast and robust quantum state transfer in a topological Su-Schrieffer-Heeger chain with next-to-nearest-neighbor interactions. Physical Review Research, 2020, 2, .	3.6	46
33	Non-Hermitian multimode interference. Optics Letters, 2020, 45, 1962.	3.3	4
34	Quantum statistical signature of \$ \{cal P\}\{cal T\} \$ P T symmetry breaking. Optics Letters, 2020, 45, 1591.	3.3	13
35	Photonic simulation of giant atom decay. Optics Letters, 2020, 45, 3017.	3.3	41
36	Superradiance paradox in waveguide lattices. Optics Letters, 2020, 45, 3297.	3.3	14

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37	Topological Anderson phase in quasi-periodic waveguide lattices. Optics Letters, 2020, 45, 4036.	3.3	16
38	Stochastic non-Hermitian skin effect. Optics Letters, 2020, 45, 5250.	3.3	16
39	Chiral excitation and effective bandwidth enhancement in tilted waveguide lattices. Optics Letters, 2020, 45, 6667.	3.3	0
40	Non-Hermitian Anderson Transport. , 2020, , .		1
41	Non-Hermitian Topological Light Steering. , 2020, , .		0
42	Tunable topological charge vortex microlaser with ultrafast controllability. , 2020, , .		0
43	Ultrafast optical response of plasmonic structures beyond the perturbative regime: evidence of universal saturation dynamics. EPJ Web of Conferences, 2019, 205, 04022.	0.3	0
44	Roadmap on STIRAP applications. Journal of Physics B: Atomic, Molecular and Optical Physics, 2019, 52, 202001.	1.5	108
45	Exceptional points in 1D arrays of quantum harmonic oscillators. Europhysics Letters, 2019, 127, 20001.	2.0	4
46	Quantum Probing Topological Phase Transitions by Non-Markovianity. Annalen Der Physik, 2019, 531, 1900307.	2.4	8
47	Quantum decay in a topological continuum. Physical Review A, 2019, 100, .	2.5	13
48	Non-Hermitian topological light steering. Science, 2019, 365, 1163-1166.	12.6	288
49	Metal-insulator phase transition in a non-Hermitian Aubry-Andr�-Harper model. Physical Review B, 2019, 100, .	3.2	89
50	Landau-Zener Topological Quantum State Transfer. Advanced Quantum Technologies, 2019, 2, 1800090.	3.9	37
51	Loschmidt Echo and Fidelity Decay Near an Exceptional Point. Annalen Der Physik, 2019, 531, 1900054.	2.4	17
52	Topological Phase Transition in non-Hermitian Quasicrystals. Physical Review Letters, 2019, 122, 237601.	7.8	253
53	Topological pumping of edge states via adiabatic passage. Physical Review B, 2019, 99, .	3.2	53
54	Anyonic $\mathcal{PT}$ symmetry, drifting potentials and non-Hermitian delocalization. Europhysics Letters, 2019, 125, 10006.	2.0	6

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55	Probing non-Hermitian skin effect and non-Bloch phase transitions. <i>Physical Review Research</i> , 2019, 1, .	3.6	229
56	Photonic flat-band laser. <i>Optics Letters</i> , 2019, 44, 287.	3.3	20
57	Non-Hermitian topological phase transition in PT-symmetric mode-locked lasers. <i>Optics Letters</i> , 2019, 44, 1190.	3.3	28
58	Probing topological phases in waveguide superlattices. <i>Optics Letters</i> , 2019, 44, 2530.	3.3	12
59	Non-Bloch $\mathcal{P}\mathcal{T}$ symmetry breaking in non-Hermitian photonic quantum walks. <i>Optics Letters</i> , 2019, 44, 5804.	3.3	48
60	Non-Hermitian-enhanced photonic zero mode. , 2019, , .		0
61	Plasmon hybridization engineering in self-organized anisotropic metasurfaces. <i>Nano Research</i> , 2018, 11, 3943-3956.	10.4	28
62	Photonic zero mode in a non-Hermitian photonic lattice. <i>Nature Communications</i> , 2018, 9, 1308.	12.8	191
63	Scattering of accelerated wave packets. <i>Physical Review A</i> , 2018, 97, .	2.5	6
64	Fano Resonances and Bound States in the Continuum in Evanescently-Coupled Optical Waveguides and Resonators. <i>Springer Series in Optical Sciences</i> , 2018, , 85-108.	0.7	2
65	Universal saturation behavior in the transient optical response of plasmonic structures. <i>Physical Review B</i> , 2018, 98, .	3.2	15
66	Probing one-dimensional topological phases in waveguide lattices with broken chiral symmetry. <i>Optics Letters</i> , 2018, 43, 4639.	3.3	33
67	Coherent virtual absorption for discretized light. <i>Optics Letters</i> , 2018, 43, 2122.	3.3	14
68	Equivalence principle and quantum mechanics: quantum simulation with entangled photons. <i>Optics Letters</i> , 2018, 43, 226.	3.3	4
69	Elimination of Spatial Hole Burning in Microlasers for Stability and Efficiency Enhancement. <i>ACS Photonics</i> , 2018, 5, 3016-3022.	6.6	15
70	Exceptional points and photonic catastrophe. <i>Optics Letters</i> , 2018, 43, 2929.	3.3	22
71	Anomalous dynamics in multilevel quantum decay. <i>Physical Review A</i> , 2018, 98, .	2.5	6
72	PT symmetry and antisymmetry by anti-Hermitian wave coupling and nonlinear optical interactions. <i>Optics Letters</i> , 2018, 43, 4025.	3.3	21

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73	Invited Article: Mitigation of dynamical instabilities in laser arrays via non-Hermitian coupling. APL Photonics, 2018, 3, 060802.	5.7	38
74	Non-Hermitian Gauged Topological Laser Arrays. Annalen Der Physik, 2018, 530, 1800023.	2.4	90
75	Ultrafast Anisotropic Exciton Dynamics in Nanopatterned MoS <sub>2</sub> Sheets. ACS Photonics, 2018, 5, 3363-3371.	6.6	17
76	Presence of temporal dynamical instabilities in topological insulator lasers. Europhysics Letters, 2018, 122, 14004.	2.0	42
77	Quantum interference and exceptional points. Optics Letters, 2018, 43, 5371.	3.3	15
78	One-way invisibility in isotropic dielectric optical media. American Journal of Physics, 2017, 85, 439-446.	0.7	20
79	Time reversal of a discrete system coupled to a continuum based on non-Hermitian flip. Science Bulletin, 2017, 62, 869-874.	9.0	5
80	Non-Hermitian Floquet invisibility. Europhysics Letters, 2017, 117, 10005.	2.0	16
81	Localization, quantum resonances, and ratchet acceleration in a periodically kicked $\text{PT}$ -symmetric quantum rotator. Physical Review A, 2017, 95, .	2.5	24
82	Non-Hermitian bidirectional robust transport. Physical Review B, 2017, 95, .	3.2	23
83	Oscillating potential well in the complex plane and the adiabatic theorem. Physical Review A, 2017, 96, .	2.5	7
84	Kramers-Kronig potentials for the discrete Schrödinger equation. Physical Review A, 2017, 96, .	2.5	13
85	Floquet exceptional points and chirality in non-Hermitian Hamiltonians. Journal of Physics A: Mathematical and Theoretical, 2017, 50, 505201.	2.1	35
86	Non-Hermitian time-dependent perturbation theory: Asymmetric transitions and transitionless interactions. Annals of Physics, 2017, 385, 744-756.	2.8	11
87	Nonlinear Anisotropic Dielectric Metasurfaces for Ultrafast Nanophotonics. ACS Photonics, 2017, 4, 2129-2136.	6.6	70
88	Spatiotemporal deformations of reflectionless potentials. Physical Review A, 2017, 96, .	2.5	15
89	Non-Hermitian interaction of a discrete state with a continuum. International Journal of Modern Physics B, 2017, 31, 1750249.	2.0	1
90	Rapidly oscillating scatteringless non-Hermitian potentials and the absence of Kapitza stabilization. Europhysics Letters, 2017, 118, 20004.	2.0	8

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91	Nonadiabatic robust excitation transfer assisted by an imaginary gauge field. Physical Review A, 2017, 95, .	2.5	15
92	Bound states of moving potential wells in discrete wave mechanics. Europhysics Letters, 2017, 120, 20007.	2.0	3
93	Parity-time symmetry meets photonics: A new twist in non-Hermitian optics. Europhysics Letters, 2017, 120, 64001.	2.0	222
94	Unidirectional lasing in semiconductor microring lasers at an exceptional point [Invited]. Photonics Research, 2017, 5, B1.	7.0	56
95	Nonlinear adiabatic optical isolator. Applied Optics, 2017, 56, 2991.	2.1	7
96	Photonic Loschmidt echo in binary waveguide lattices. Optics Letters, 2017, 42, 2551.	3.3	2
97	Reflectionless and invisible potentials in photonic lattices. Optics Letters, 2017, 42, 3229.	3.3	12
98	Elimination of Spatial Hole Burning in Microlasers. , 2017, , .		0
99	Refractionless propagation of discretized light. Optics Letters, 2017, 42, 5086.	3.3	1
100	Quantum entropy source on an InP photonic integrated circuit for random number generation. Optica, 2016, 3, 989.	9.3	84
101	Orbital Angular Momentum Microlaser. , 2016, , .		10
102	Robust unidirectional transport in a one-dimensional metacrystal with long-range hopping. Europhysics Letters, 2016, 116, 30005.	2.0	6
103	Ultrafast Spectroscopy of Graphene-Protected Thin Copper Films. ACS Photonics, 2016, 3, 1508-1516.	6.6	8
104	Optical parametric amplification and oscillation assisted by low-frequency stimulated emission. Optics Letters, 2016, 41, 1813.	3.3	3
105	Optical realization of the dissipative quantum oscillator. Optics Letters, 2016, 41, 1712.	3.3	4
106	PT phase control in circular multi-core fibers. Optics Letters, 2016, 41, 1897.	3.3	28
107	Quantum state transfer by time reversal in the continuum. Europhysics Letters, 2016, 113, 60006.	2.0	6
108	Shortcut to adiabaticity in full-wave optics for ultra-compact waveguide junctions. Journal of Optics (United Kingdom), 2016, 18, 09LT03.	2.2	7

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109	Tight-binding lattices with an oscillating imaginary gauge field. <i>Physical Review A</i> , 2016, 94, .	2.5	20
110	Bidirectional invisibility in Kramersâ€™Kronig optical media. <i>Optics Letters</i> , 2016, 41, 3727.	3.3	36
111	Orbital angular momentum microlaser. <i>Science</i> , 2016, 353, 464-467.	12.6	509
112	Accelerated and Airyâ€™Bloch oscillations. <i>International Journal of Modern Physics B</i> , 2016, 30, 1650189.	2.0	2
113	Non-Hermitian tight-binding network engineering. <i>Physical Review A</i> , 2016, 93, .	2.5	32
114	Transparency in nonlinear frequency conversion. <i>Physical Review A</i> , 2016, 93, .	2.5	3
115	Quantum decay and amplification in a non-Hermitian unstable continuum. <i>Physical Review A</i> , 2016, 93, .	2.5	6
116	$\mathcal{PT}$ -symmetric quantum oscillator in an optical cavity. <i>Europhysics Letters</i> , 2016, 115, 61001.	2.0	12
117	Diamond photonics platform enabled by femtosecond laser writing. <i>Scientific Reports</i> , 2016, 6, 35566.	3.3	96
118	$\mathcal{PT}$ -symmetric mode-locking. <i>Optics Letters</i> , 2016, 41, 4518.	3.3	26
119	Robust Light State by Quantum Phase Transition in Non-Hermitian Optical Materials. , 2016, , .		0
120	Bloch oscillations in non-Hermitian lattices with trajectories in the complex plane. <i>Physical Review A</i> , 2015, 92, .	2.5	23
121	Self-organized plasmonic metasurfaces for all-optical modulation. <i>Physical Review B</i> , 2015, 91, .	3.2	24
122	Non-Hermitian transparency and one-way transport in low-dimensional lattices by an imaginary gauge field. <i>Physical Review B</i> , 2015, 92, .	3.2	115
123	Tunable dynamic Fano resonances in coupled-resonator optical waveguides. <i>Physical Review A</i> , 2015, 91, .	2.5	17
124	Robust light transport in non-Hermitian photonic lattices. <i>Scientific Reports</i> , 2015, 5, 13376.	3.3	187
125	Robust Light State by Quantum Phase Transition in Non-Hermitian Optical Materials. <i>Scientific Reports</i> , 2015, 5, 17022.	3.3	53
126	Phase transitions in Wick-rotated $\mathcal{PT}$ -symmetric optics. <i>Annals of Physics</i> , 2015, 360, 150-160.	2.8	14



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127	Fractional Schrödinger equation in optics. Optics Letters, 2015, 40, 1117.	3.3	336
128	Half-spectral unidirectional invisibility in non-Hermitian periodic optical structures. Optics Letters, 2015, 40, 5694.	3.3	50
129	Localization without recurrence and pseudo-Bloch oscillations in optics. Optics Letters, 2015, 40, 4707.	3.3	3
130	Wave reflection in dielectric media obeying spatial Kramers-Kronig relations. Europhysics Letters, 2015, 112, 64001.	2.0	42
131	Transient Optical Response of a Single Gold Nanoantenna: The Role of Plasmon Detuning. ACS Photonics, 2015, 2, 521-529.	6.6	62
132	Mixed Rabi Jaynes-Cummings model of a three-level atom interacting with two quantized fields. Optics Communications, 2015, 346, 110-114.	2.1	8
133	Particle Statistics Affects Quantum Decay and Fano Interference. Physical Review Letters, 2015, 114, 090201.	7.8	56
134	Supersymmetric Bragg gratings. Journal of Optics (United Kingdom), 2015, 17, 045803.	2.2	23
135	Non-reciprocal transmission in photonic lattices based on unidirectional coherent perfect absorption. Optics Letters, 2015, 40, 1278.	3.3	41
136	Supersymmetric transparent optical intersections. Optics Letters, 2015, 40, 463.	3.3	42
137	Synthetic gauge fields for light beams in optical resonators. Optics Letters, 2015, 40, 2941.	3.3	15
138	Friedmann-Robertson-Walker transformational technique in paraxial wave optics. Journal of the Optical Society of America B: Optical Physics, 2015, 32, 1834.	2.1	3
139	Anti-Newtonian dynamics and self-induced Bloch oscillations of correlated particles. New Journal of Physics, 2014, 16, 113076.	2.9	3
140	Anomalous diffraction and Abel transformation of astigmatic beams in photonic lattices. Optics Letters, 2014, 39, 6636.	3.3	0
141	PT-symmetric microring laser-absorber. Optics Letters, 2014, 39, 5026.	3.3	69
142	Aharonov-Bohm photonic cages in waveguide and coupled resonator lattices by synthetic magnetic fields. Optics Letters, 2014, 39, 5892.	3.3	94
143	Bound states in the continuum in PT-symmetric optical lattices. Optics Letters, 2014, 39, 1697.	3.3	70
144	Non-Hermitian shortcut to stimulated Raman adiabatic passage. Physical Review A, 2014, 89, .	2.5	67

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145	Optical lattices with exceptional points in the continuum. <i>Physical Review A</i> , 2014, 89, .	2.5	36
146	Talbot self-imaging in PT-symmetric complex crystals. <i>Physical Review A</i> , 2014, 90, .	2.5	17
147	A unidirectionally invisible $\mathcal{P}$ - $\mathcal{T}$ -symmetric complex crystal with arbitrary thickness. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2014, 47, 485302.	2.1	14
148	Exceptional points and Bloch oscillations in non-Hermitian lattices with unidirectional hopping. <i>Europhysics Letters</i> , 2014, 106, 34001.	2.0	24
149	Low-frequency anomalies in dynamic localization. <i>Journal of Physics Condensed Matter</i> , 2014, 26, 255504.	1.8	3
150	$\mathcal{PT}$ -symmetric optical superlattices. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2014, 47, 165302.	2.1	13
151	Optical analogue of relativistic Dirac solitons in binary waveguide arrays. <i>Annals of Physics</i> , 2014, 340, 179-187.	2.8	60
152	Floquet-Hubbard bound states in the continuum. <i>Physical Review B</i> , 2014, 89, .	3.2	19
153	Modeling of diesel oxidation catalysts for calibration and control purpose. <i>International Journal of Engine Research</i> , 2014, 15, 965-979.	2.3	10
154	Optical analog of spontaneous symmetry breaking induced by tachyon condensation in amplifying plasmonic arrays. <i>Physical Review A</i> , 2014, 89, .	2.5	8
155	Optical Simulation of Neutrino Oscillations in Binary Waveguide Arrays. <i>Physical Review Letters</i> , 2014, 113, 150401.	7.8	17
156	Adiabatic quantum state transfer in tight-binding chains using periodic driving fields. <i>Europhysics Letters</i> , 2014, 107, 50003.	2.0	9
157	Invisible surface defects in a tight-binding lattice. <i>European Physical Journal B</i> , 2014, 87, 1.	1.5	3
158	Disentangling electrons and lattice nonlinear optical response in metal-dielectric Bragg filters. <i>Physical Review B</i> , 2014, 89, .	3.2	17
159	Quantum recurrence and fractional dynamic localization in ac-driven perfect state transfer Hamiltonians. <i>Annals of Physics</i> , 2014, 345, 63-72.	2.8	2
160	Coherent transfer by adiabatic passage in two-dimensional lattices. <i>Annals of Physics</i> , 2014, 348, 161-175.	2.8	13
161	Optical simulation of neutrino oscillation in binary waveguide arrays. , 2014, , .		0
162	Ultrafast Non-Thermal Response of Plasmonic Resonance in Gold Nanoantennas. , 2014, , .		0

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163	Invisible defects in complex crystals. <i>Annals of Physics</i> , 2013, 334, 35-46.	2.8	36
164	Dynamic localization in Glauber's Fock lattices. <i>Journal of Physics Condensed Matter</i> , 2013, 25, 035603.	1.8	3
165	Dynamic band collapse in photonic graphene. <i>New Journal of Physics</i> , 2013, 15, 013012.	2.9	72
166	Ultrafast nonlinear dynamics of surface plasmon polaritons in gold nanowires due to the intrinsic nonlinearity of metals. <i>New Journal of Physics</i> , 2013, 15, 013033.	2.9	99
167	Floquet bound states in the continuum. <i>Scientific Reports</i> , 2013, 3, 2219.	3.3	42
168	Absence of Floquet scattering in oscillating non-Hermitian potential wells. <i>Physical Review A</i> , 2013, 87, .	2.5	10
169	Ultrafast Optical Mapping of Nonlinear Plasmon Dynamics in Cu <sub>2</sub> Se Nanoparticles. <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 3337-3344.	4.6	47
170	Klein tunneling of two correlated bosons. <i>European Physical Journal B</i> , 2013, 86, 1.	1.5	7
171	Observation of Surface States with Algebraic Localization. <i>Physical Review Letters</i> , 2013, 111, 220403.	7.8	93
172	Spectral and transport properties of time-periodic symmetric tight-binding lattices. <i>Physical Review A</i> , 2013, 87, .	2.5	70
173	Quantum simulation of the Riemann-Hurwitz zeta function. <i>Physical Review A</i> , 2013, 87, .	2.5	4
174	Spatial light rectification in an optical waveguide lattice. <i>Europhysics Letters</i> , 2013, 101, 44002.	2.0	18
175	Fractional Bloch oscillations in photonic lattices. <i>Nature Communications</i> , 2013, 4, 1555.	12.8	119
176	Plasmonics in heavily-doped semiconductor nanocrystals. <i>European Physical Journal B</i> , 2013, 86, 1.	1.5	76
177	Non-Hermitian shortcut to adiabaticity. <i>Physical Review A</i> , 2013, 87, .	2.5	82
178	Tamm's Hubbard surface states in the continuum. <i>Journal of Physics Condensed Matter</i> , 2013, 25, 235601.	1.8	35
179	Zak phase of photons in optical waveguide lattices. <i>Optics Letters</i> , 2013, 38, 3716.	3.3	58
180	Effective magnetic fields for photons in waveguide and coupled resonator lattices. <i>Optics Letters</i> , 2013, 38, 3570.	3.3	47

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181	Quantum simulation of decoherence in optical waveguide lattices. Optics Letters, 2013, 38, 4884.	3.3	12
182	Field-induced ferromagnetism in one-dimensional tight-binding lattices. Europhysics Letters, 2013, 101, 67006.	2.0	2
183	Imaginary Kapitza pendulum. Physical Review A, 2013, 88, .	2.5	14
184	Non-Hermitian quantum rings. Physical Review A, 2013, 88, .	2.5	4
185	Low-energy doublons in the ac-driven two-species Hubbard model. Physical Review A, 2013, 87, .	2.5	6
186	Convective and absolute PT-symmetry breaking in tight-binding lattices. Physical Review A, 2013, 88, .	2.5	37
187	Transparency at the interface between two isospectral crystals. Europhysics Letters, 2013, 102, 40008.	2.0	18
188	Fractional Bloch Oscillations in photonic lattices. MATEC Web of Conferences, 2013, 8, 06007.	0.2	0
189	Realization of interacting quantum field theories in driven tight-binding lattices. New Journal of Physics, 2012, 14, 053026.	2.9	6
190	Bloch-Zener quantum walk. Journal of Physics B: Atomic, Molecular and Optical Physics, 2012, 45, 225504.	1.5	9
191	Dynamical pair production in optical waveguide arrays. , 2012, , .		0
192	Many-body dynamic localization of strongly correlated electrons in ac-driven Hubbard lattices. Journal of Physics Condensed Matter, 2012, 24, 435601.	1.8	11
193	Integrated fiber-coupled launcher for slow plasmon-polariton waves. Optics Express, 2012, 20, 3158.	3.4	1
194	Bloch-Zener oscillations of strongly correlated electrons. Physical Review B, 2012, 86, .	3.2	19
195	Correlated super-Bloch oscillations. Physical Review B, 2012, 86, .	3.2	25
196	Many-body selective destruction of tunneling in a bosonic junction. Physical Review A, 2012, 86, .	2.5	22
197	Photonic realization of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mi mathvariant="script"} \rangle \text{PT} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle \text{-symmetric quantum field theories. Physical Review A, 2012, 85, .$	2.5	22
198	Real-time optical mapping of the dynamics of nonthermal electrons in thin gold films. Physical Review B, 2012, 86, .	3.2	78

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199	Derivation of third-order nonlinear susceptibility of thin metal films as a delayed optical response. Physical Review B, 2012, 85, .	3.2	71
200	Quantum transport in bipartite lattices via Landau-Zener tunneling. Physical Review A, 2012, 86, .	2.5	17
201	Many-particle quantum decay and trapping: The role of statistics and Fano resonances. Physical Review A, 2012, 86, .	2.5	18
202	Light propagation and localization in modulated photonic lattices and waveguides. Physics Reports, 2012, 518, 1-79.	25.6	405
203	Vacuum Instability and Pair Production in an Optical Setting. Physical Review Letters, 2012, 109, 110401.	7.8	30
204	Lasers and Coherent Light Sources. , 2012, , 641-1046.		7
205	Coherent destruction of tunneling of two interacting bosons in a tight-binding lattice. Physical Review A, 2012, 86, .	2.5	21
206	Anyons in one-dimensional lattices: a photonic realization. Optics Letters, 2012, 37, 2160.	3.3	19
207	Anyonic Bloch oscillations. Physical Review B, 2012, 85, .	3.2	15
208	Photonic Realization of the Quantum Rabi Model. Physical Review Letters, 2012, 108, 163601.	7.8	130
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