

# Stefano Longhi

## List of Publications by Year in descending order

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476  
papers

18,286  
citations

13099

68  
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21540

114  
g-index

478  
all docs

478  
docs citations

478  
times ranked

7846  
citing authors

#	ARTICLE	IF	CITATIONS
1	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi mathvariant="script"} \rangle \text{PT} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ -symmetric laser absorber. Physical Review A, 2010, 82, .	2.5	773
2	Bloch Oscillations in Complex Crystals with $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi mathvariant="script"} \rangle \text{P} \langle \text{mml:mi} \rangle \langle \text{mml:mi mathvariant="script"} \rangle \text{T} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ Symmetry. Physical Review Letters, 2009, 103, 123601.	7.8	636
3	Quantum optical analogies using photonic structures. Laser and Photonics Reviews, 2009, 3, 243-261.	8.7	594
4	Orbital angular momentum microlaser. Science, 2016, 353, 464-467.	12.6	509
5	Light propagation and localization in modulated photonic lattices and waveguides. Physics Reports, 2012, 518, 1-79.	25.6	405
6	Fractional Schrödinger equation in optics. Optics Letters, 2015, 40, 1117.	3.3	336
7	Observation of Dynamic Localization in Periodically Curved Waveguide Arrays. Physical Review Letters, 2006, 96, 243901.	7.8	298
8	Non-Hermitian topological light steering. Science, 2019, 365, 1163-1166.	12.6	288
9	Topological Phase Transition in non-Hermitian Quasicrystals. Physical Review Letters, 2019, 122, 237601.	7.8	253
10	Probing non-Hermitian skin effect and non-Bloch phase transitions. Physical Review Research, 2019, 1, .	3.6	229
11	Parity-time symmetry meets photonics: A new twist in non-Hermitian optics. Europhysics Letters, 2017, 120, 64001.	2.0	222
12	Invisibility in $\text{mathcal{PT}}$ -symmetric complex crystals. Journal of Physics A: Mathematical and Theoretical, 2011, 44, 485302.	2.1	217
13	Photonic zero mode in a non-Hermitian photonic lattice. Nature Communications, 2018, 9, 1308.	12.8	191
14	Classical Simulation of Relativistic <i>Zitterbewegung</i> in Photonic Lattices. Physical Review Letters, 2010, 105, 143902.	7.8	189
15	Robust light transport in non-Hermitian photonic lattices. Scientific Reports, 2015, 5, 13376.	3.3	187
16	Faraday Patterns in Bose-Einstein Condensates. Physical Review Letters, 2002, 89, 210406.	7.8	181
17	Tunable topological charge vortex microlaser. Science, 2020, 368, 760-763.	12.6	180
18	Spectral singularities and Bragg scattering in complex crystals. Physical Review A, 2010, 81, .	2.5	175

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19	Optical Realization of Relativistic Non-Hermitian Quantum Mechanics. <i>Physical Review Letters</i> , 2010, 105, 013903.	7.8	175
20	Bloch-Zener Oscillations in Binary Superlattices. <i>Physical Review Letters</i> , 2009, 102, 076802.	7.8	166
21	Visualization of Coherent Destruction of Tunneling in an Optical Double Well System. <i>Physical Review Letters</i> , 2007, 98, 263601.	7.8	161
22	Coherent tunneling by adiabatic passage in an optical waveguide system. <i>Physical Review B</i> , 2007, 76, .	3.2	159
23	Fiber strain sensor based on a $\pi$ -phase-shifted Bragg grating and the Pound-Drever-Hall technique. <i>Optics Express</i> , 2008, 16, 1945.	3.4	148
24	Erbium- $\pi$ -ytterbium microlasers: optical properties and lasing characteristics. <i>Optical Materials</i> , 1999, 11, 269-288.	3.6	140
25	Photonic Realization of the Quantum Rabi Model. <i>Physical Review Letters</i> , 2012, 108, 163601.	7.8	130
26	Fractional Bloch oscillations in photonic lattices. <i>Nature Communications</i> , 2013, 4, 1555.	12.8	119
27	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
28	Nonexponential Decay Via Tunneling in Tight-Binding Lattices and the Optical Zeno Effect. <i>Physical Review Letters</i> , 2006, 97, 110402.	7.8	109
29	Photonic analog of Zitterbewegung in binary waveguide arrays. <i>Optics Letters</i> , 2010, 35, 235.	3.3	109
30	Roadmap on STIRAP applications. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2019, 52, 202001.	1.5	108
31	Non-Bloch-Band Collapse and Chiral Zener Tunneling. <i>Physical Review Letters</i> , 2020, 124, 066602.	7.8	106
32	Measurement of superluminal optical tunneling times in double-barrier photonic band gaps. <i>Physical Review E</i> , 2002, 65, 046610.	2.1	105
33	Diode-pumped bulk erbium-ytterbium lasers. <i>Applied Physics B: Lasers and Optics</i> , 1996, 63, 425-436.	2.2	102
34	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
35	Adiabatic transfer of light via a continuum in optical waveguides. <i>Optics Letters</i> , 2009, 34, 2405.	3.3	98
36	Diode-pumped microchip Er- $\pi$ -Yb:glass laser. <i>Optics Letters</i> , 1993, 18, 1232.	3.3	96

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37	Diamond photonics platform enabled by femtosecond laser writing. <i>Scientific Reports</i> , 2016, 6, 35566.	3.3	96
38	Aharonovâ€“Bohm photonic cages in waveguide and coupled resonator lattices by synthetic magnetic fields. <i>Optics Letters</i> , 2014, 39, 5892.	3.3	94
39	Spectral singularities in a non-Hermitian Friedrichs-Fano-Anderson model. <i>Physical Review B</i> , 2009, 80, .	3.2	93
40	Observation of Surface States with Algebraic Localization. <i>Physical Review Letters</i> , 2013, 111, 220403.	7.8	93
41	Bound states in the continuum in a single-level Fano-Anderson model. <i>European Physical Journal B</i> , 2007, 57, 45-51.	1.5	90
42	Nonâ€“Hermitian Gauged Topological Laser Arrays. <i>Annalen Der Physik</i> , 2018, 530, 1800023.	2.4	90
43	Observation of Two-Dimensional Dynamic Localization of Light. <i>Physical Review Letters</i> , 2010, 104, 223903.	7.8	89
44	Metal-insulator phase transition in a non-Hermitian Aubry-AndrÃ©-Harper model. <i>Physical Review B</i> , 2019, 100, .	3.2	89
45	Imaging of Bloch oscillations in erbium-doped curved waveguide arrays. <i>Optics Letters</i> , 2006, 31, 1651.	3.3	88
46	Topological triple phase transition in non-Hermitian Floquet quasicrystals. <i>Nature</i> , 2022, 601, 354-359.	27.8	87
47	Modulational instability and space time dynamics in nonlinear parabolic-index optical fibers. <i>Optics Letters</i> , 2003, 28, 2363.	3.3	86
48	Quantum entropy source on an InP photonic integrated circuit for random number generation. <i>Optica</i> , 2016, 3, 989.	9.3	84
49	40-GHz pulse-train generation at 15 $\mu\text{m}$ with a chirped fiber grating as a frequency multiplier. <i>Optics Letters</i> , 2000, 25, 1481.	3.3	82
50	Invisibility in non-Hermitian tight-binding lattices. <i>Physical Review A</i> , 2010, 82, .	2.5	82
51	Non-Hermitian shortcut to adiabaticity. <i>Physical Review A</i> , 2013, 87, .	2.5	82
52	Superluminal optical pulse propagation at 1.5â€“ $\lambda$ min periodic fiber Bragg gratings. <i>Physical Review E</i> , 2001, 64, 055602.	2.1	81
53	Self-imaging and modulational instability in an array of periodically curved waveguides. <i>Optics Letters</i> , 2005, 30, 2137.	3.3	81
54	Klein tunneling in binary photonic superlattices. <i>Physical Review B</i> , 2010, 81, .	3.2	80

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55	Adiabatic passage of light in coupled optical waveguides. <i>Physical Review E</i> , 2006, 73, 026607.	2.1	79
56	Adiabatic light transfer via dressed states in optical waveguide arrays. <i>Applied Physics Letters</i> , 2008, 92, .	3.3	78
57	Optics in Curved Space. <i>Physical Review Letters</i> , 2010, 105, 143901.	7.8	78
58	Real-time optical mapping of the dynamics of nonthermal electrons in thin gold films. <i>Physical Review B</i> , 2012, 86, .	3.2	78
59	Dynamic localization and transport in complex crystals. <i>Physical Review B</i> , 2009, 80, .	3.2	77
60	Plasmonics in heavily-doped semiconductor nanocrystals. <i>European Physical Journal B</i> , 2013, 86, 1.	1.5	76
61	Geometric Potential and Transport in Photonic Topological Crystals. <i>Physical Review Letters</i> , 2010, 104, 150403.	7.8	75
62	Swift-Hohenberg equation for optical parametric oscillators. <i>Physical Review A</i> , 1996, 54, 4581-4584.	2.5	74
63	Generalized Aubry-Andr� self-duality and mobility edges in non-Hermitian quasiperiodic lattices. <i>Physical Review B</i> , 2020, 102, .	3.2	73
64	Dynamic band collapse in photonic graphene. <i>New Journal of Physics</i> , 2013, 15, 013012.	2.9	72
65	Localized structures in optical parametric oscillation. <i>Physica Scripta</i> , 1997, 56, 611-618.	2.5	71
66	Coherent perfect absorption in a homogeneously broadened two-level medium. <i>Physical Review A</i> , 2011, 83, .	2.5	71
67	Derivation of third-order nonlinear susceptibility of thin metal films as a delayed optical response. <i>Physical Review B</i> , 2012, 85, .	3.2	71
68	Decay Control via Discrete-to-Continuum Coupling Modulation in an Optical Waveguide System. <i>Physical Review Letters</i> , 2008, 101, 143602.	7.8	70
69	Spectral and transport properties of time-periodic $PT$ -symmetric tight-binding lattices. <i>Physical Review A</i> , 2013, 87, .	2.5	70
70	Bound states in the continuum in $PT$ -symmetric optical lattices. <i>Optics Letters</i> , 2014, 39, 1697.	3.3	70
71	Nonlinear Anisotropic Dielectric Metasurfaces for Ultrafast Nanophotonics. <i>ACS Photonics</i> , 2017, 4, 2129-2136.	6.6	70
72	$PT$ -symmetric microring laser-absorber. <i>Optics Letters</i> , 2014, 39, 5026.	3.3	69

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73	Optical Bloch Oscillations and Zener Tunneling with Nonclassical Light. <i>Physical Review Letters</i> , 2008, 101, 193902.	7.8	67
74	Classical simulation of relativistic quantum mechanics in periodic optical structures. <i>Applied Physics B: Lasers and Optics</i> , 2011, 104, 453-468.	2.2	67
75	Non-Hermitian shortcut to stimulated Raman adiabatic passage. <i>Physical Review A</i> , 2014, 89, .	2.5	67
76	Traveling-wave states and secondary instabilities in optical parametric oscillators. <i>Physical Review A</i> , 1996, 53, 4488-4499.	2.5	65
77	Coherent destruction of tunneling in waveguide directional couplers. <i>Physical Review A</i> , 2005, 71, .	2.5	65
78	Klein tunneling of light in waveguide superlattices. <i>Europhysics Letters</i> , 2012, 97, 10008.	2.0	64
79	Experimental demonstration of the optical Zeno effect by scanning tunneling optical microscopy. <i>Optics Express</i> , 2008, 16, 3762.	3.4	62
80	Transient Optical Response of a Single Gold Nanoantenna: The Role of Plasmon Detuning. <i>ACS Photonics</i> , 2015, 2, 521-529.	6.6	62
81	Bloch dynamics of light waves in helical optical waveguide arrays. <i>Physical Review B</i> , 2007, 76, .	3.2	61
82	Polychromatic beam splitting by fractional stimulated Raman adiabatic passage. <i>Applied Physics Letters</i> , 2009, 95, 261102.	3.3	61
83	Optical analogue of relativistic Dirac solitons in binary waveguide arrays. <i>Annals of Physics</i> , 2014, 340, 179-187.	2.8	60
84	Structural properties of multirate sampled-data systems. <i>IEEE Transactions on Automatic Control</i> , 1994, 39, 692-696.	5.7	59
85	Zak phase of photons in optical waveguide lattices. <i>Optics Letters</i> , 2013, 38, 3716.	3.3	58
86	Phase transitions in a non-Hermitian Aubry-Andr�-Harper model. <i>Physical Review B</i> , 2021, 103, .	3.2	58
87	Particle Statistics Affects Quantum Decay and Fano Interference. <i>Physical Review Letters</i> , 2015, 114, 090201.	7.8	56
88	Unidirectional lasing in semiconductor microring lasers at an exceptional point [Invited]. <i>Photonics Research</i> , 2017, 5, B1.	7.0	56
89	Ultrashort-pulse generation in degenerate optical parametric oscillators. <i>Optics Letters</i> , 1995, 20, 695.	3.3	54
90	Faraday patterns in low-dimensional Bose-Einstein condensates. <i>Physical Review A</i> , 2004, 70, .	2.5	54

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91	Measurement of the energy transfer and upconversion constants in Er <sup>3+</sup> /Yb-doped phosphate glass. <i>Optical and Quantum Electronics</i> , 1999, 31, 249-262.	3.3	53
92	Image reconstruction in segmented femtosecond laser-written waveguide arrays. <i>Applied Physics Letters</i> , 2008, 93, 181109.	3.3	53
93	Backward lasing yields a perfect absorber. <i>Physics Magazine</i> , 0, 3, .	0.1	53
94	Robust Light State by Quantum Phase Transition in Non-Hermitian Optical Materials. <i>Scientific Reports</i> , 2015, 5, 17022.	3.3	53
95	Topological pumping of edge states via adiabatic passage. <i>Physical Review B</i> , 2019, 99, .	3.2	53
96	Unraveling the non-Hermitian skin effect in dissipative systems. <i>Physical Review B</i> , 2020, 102, .	3.2	53
97	Coherent control of tunneling in driven tight-binding chains: Perturbative analysis. <i>Physical Review B</i> , 2008, 77, .	3.2	52
98	Widely tunable continuous-wave diode-pumped 2- $\mu\text{m}$ Tm <sup>3+</sup> /Ho:KYF <sub>4</sub> laser. <i>Optics Letters</i> , 2004, 29, 715.	3.3	51
99	Goos-Hänchen shift in complex crystals. <i>Physical Review A</i> , 2011, 84, .	2.5	51
100	Slow light in periodic superstructure Bragg gratings. <i>Physical Review E</i> , 2005, 72, 056605.	2.1	50
101	Half-spectral unidirectional invisibility in non-Hermitian periodic optical structures. <i>Optics Letters</i> , 2015, 40, 5694.	3.3	50
102	Gaussian pulsed beams with arbitrary speed. <i>Optics Express</i> , 2004, 12, 935.	3.4	48
103	Non-Bloch $\mathcal{P}\mathcal{T}$ symmetry breaking in non-Hermitian photonic quantum walks. <i>Optics Letters</i> , 2019, 44, 5804.	3.3	48
104	Self-Healing of Non-Hermitian Topological Skin Modes. <i>Physical Review Letters</i> , 2022, 128, 157601.	7.8	48
105	Self-assembled CdSe/CdS nanorod micro-lasers fabricated from solution by capillary jet deposition. <i>Laser and Photonics Reviews</i> , 2012, 6, 678-683.	8.7	47
106	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
107	Effective magnetic fields for photons in waveguide and coupled resonator lattices. <i>Optics Letters</i> , 2013, 38, 3570.	3.3	47
108	Experimental analysis and theoretical modeling of a diode-pumped Er:Yb:glass microchip laser. <i>Optics Letters</i> , 1995, 20, 889.	3.3	46

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109	Photonic Bloch oscillations of correlated particles. <i>Optics Letters</i> , 2011, 36, 3248.	3.3	46
110	Fast and robust quantum state transfer in a topological Su-Schrieffer-Heeger chain with next-to-nearest-neighbor interactions. <i>Physical Review Research</i> , 2020, 2, .	3.6	46
111	Localized subluminal envelope pulses in dispersive media. <i>Optics Letters</i> , 2004, 29, 147.	3.3	45
112	Experimental Observation of a Photon Bouncing Ball. <i>Physical Review Letters</i> , 2009, 102, 180402.	7.8	44
113	Experimentally Detecting Quantized Zak Phases without Chiral Symmetry in Photonic Lattices. <i>Physical Review Letters</i> , 2021, 127, 147401.	7.8	43
114	Stable multipulse states in a nonlinear dispersive cavity with parametric gain. <i>Physical Review E</i> , 1996, 53, 5520-5522.	2.1	42
115	Monolithic polymer microcavity lasers with on-top evaporated dielectric mirrors. <i>Applied Physics Letters</i> , 2006, 88, 121110.	3.3	42
116	Stopping and time reversal of light in dynamic photonic structures via Bloch oscillations. <i>Physical Review E</i> , 2007, 75, 026606.	2.1	42
117	Photonic realization of the relativistic Dirac oscillator. <i>Optics Letters</i> , 2010, 35, 1302.	3.3	42
118	Floquet bound states in the continuum. <i>Scientific Reports</i> , 2013, 3, 2219.	3.3	42
119	Wave reflection in dielectric media obeying spatial Kramers-Kronig relations. <i>Europhysics Letters</i> , 2015, 112, 64001.	2.0	42
120	Supersymmetric transparent optical intersections. <i>Optics Letters</i> , 2015, 40, 463.	3.3	42
121	Presence of temporal dynamical instabilities in topological insulator lasers. <i>Europhysics Letters</i> , 2018, 122, 14004.	2.0	42
122	Coexistence of dynamical delocalization and spectral localization through stochastic dissipation. <i>Nature Photonics</i> , 2021, 15, 576-581.	31.4	42
123	Propagation, manipulation, and control of picosecond optical pulses at $15\ \mu\text{m}$ in fiber Bragg gratings. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2002, 19, 2742.	2.1	41
124	Quantum-mechanical analogy of beam propagation in waveguides with a bent axis: Dynamic-mode stabilization and radiation-loss suppression. <i>Physical Review E</i> , 2003, 67, 036601.	2.1	41
125	Non-Markovian decay and lasing condition in an optical microcavity coupled to a structured reservoir. <i>Physical Review A</i> , 2006, 74, .	2.5	41
126	Self-collimation and self-imaging effects in modulated waveguide arrays. <i>Optics Communications</i> , 2008, 281, 4343-4347.	2.1	41



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127	Time-Reversed Optical Parametric Oscillation. <i>Physical Review Letters</i> , 2011, 107, 033901.	7.8	41
128	Non-reciprocal transmission in photonic lattices based on unidirectional coherent perfect absorption. <i>Optics Letters</i> , 2015, 40, 1278.	3.3	41
129	Ultrafast and anharmonic Rabi oscillations between non-Bloch bands. <i>Communications Physics</i> , 2020, 3, .	5.3	41
130	Photonic simulation of giant atom decay. <i>Optics Letters</i> , 2020, 45, 3017.	3.3	41
131	Direct observation of Landau-Zener tunneling in a curved optical waveguide coupler. <i>Physical Review A</i> , 2009, 79, .	2.5	39
132	Invited Article: Mitigation of dynamical instabilities in laser arrays via non-Hermitian coupling. <i>APL Photonics</i> , 2018, 3, 060802.	5.7	38
133	Sub-100-ps amplitude-modulation mode-locked Tm <sup>3+</sup> :Ho:BaY <sub>2</sub> F <sub>8</sub> laser at 206 $\mu$ m. <i>Optics Letters</i> , 2003, 28, 2085.	3.3	37
134	Topological suppression of optical tunneling in a twisted annular fiber. <i>Physical Review A</i> , 2007, 76, .	2.5	37
135	Periodic wave packet reconstruction in truncated tight-binding lattices. <i>Physical Review B</i> , 2010, 82, .	3.2	37
136	Bloch oscillations in tight-binding lattices with defects. <i>Physical Review B</i> , 2010, 81, .	3.2	37
137	Optical realization of the two-site Bose-Hubbard model in waveguide lattices. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2011, 44, 051001.	1.5	37
138	Convective and absolute PT-symmetry breaking in tight-binding lattices. <i>Physical Review A</i> , 2013, 88, .	2.5	37
139	Landau-Zener Topological Quantum State Transfer. <i>Advanced Quantum Technologies</i> , 2019, 2, 1800090.	3.9	37
140	Invisible defects in complex crystals. <i>Annals of Physics</i> , 2013, 334, 35-46.	2.8	36
141	Optical lattices with exceptional points in the continuum. <i>Physical Review A</i> , 2014, 89, .	2.5	36
142	Bidirectional invisibility in Kramers-Kronig optical media. <i>Optics Letters</i> , 2016, 41, 3727.	3.3	36
143	Superluminal pulse reflection in asymmetric one-dimensional photonic band gaps. <i>Physical Review E</i> , 2001, 64, 037601.	2.1	35
144	Optical Zener-Bloch oscillations in binary waveguide arrays. <i>Europhysics Letters</i> , 2006, 76, 416-421.	2.0	35

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145	Tammâ€“Hubbard surface states in the continuum. <i>Journal of Physics Condensed Matter</i> , 2013, 25, 235601.	1.8	35
146	Floquet exceptional points and chirality in non-Hermitian Hamiltonians. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2017, 50, 505201.	2.1	35
147	Theory of transverse modes in end-pumped microchip lasers. <i>Journal of the Optical Society of America B: Optical Physics</i> , 1994, 11, 1098.	2.1	34
148	Spatial solitary waves and patterns in type-II second-harmonic generation. <i>Optics Letters</i> , 1998, 23, 346.	3.3	34
149	Self-focusing and nonlinear periodic beams in parabolic index optical fibres. <i>Journal of Optics B: Quantum and Semiclassical Optics</i> , 2004, 6, S303-S308.	1.4	34
150	Transfer of light waves in optical waveguides via a continuum. <i>Physical Review A</i> , 2008, 78, .	2.5	34
151	Ultrafast control of fractional orbital angular momentum of microlaser emissions. <i>Light: Science and Applications</i> , 2020, 9, 179.	16.6	34
152	Optical realization of multilevel adiabatic population transfer in curved waveguide arrays. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2006, 359, 166-170.	2.1	33
153	Optical analogue of coherent population trapping via a continuum in optical waveguide arrays. <i>Journal of Modern Optics</i> , 2009, 56, 729-737.	1.3	33
154	Probing one-dimensional topological phases in waveguide lattices with broken chiral symmetry. <i>Optics Letters</i> , 2018, 43, 4639.	3.3	33
155	Anomalous mobility edges in one-dimensional quasiperiodic models. <i>SciPost Physics</i> , 2022, 12, .	4.9	33
156	Experimental observation of superluminal pulse reflection in a double-Lorentzian photonic band gap. <i>Physical Review E</i> , 2002, 65, 045602.	2.1	32
157	Light transfer control and diffraction management in circular fibre waveguide arrays. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2007, 40, 4477-4492.	1.5	32
158	Image reconstruction in segmented waveguide arrays. <i>Optics Letters</i> , 2008, 33, 473.	3.3	32
159	Airy beams from a microchip laser. <i>Optics Letters</i> , 2011, 36, 716.	3.3	32
160	Non-Hermitian tight-binding network engineering. <i>Physical Review A</i> , 2016, 93, .	2.5	32
161	Non-Hermitian skin effect beyond the tight-binding models. <i>Physical Review B</i> , 2021, 104, .	3.2	32
162	Single-mode cw erbiumâ€“ytterbium glass laser at 15 $\frac{1}{4}$ $\mu$ m. <i>Optics Letters</i> , 1993, 18, 31.	3.3	31

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163	Jaynesâ€“Cummings photonic superlattices. Optics Letters, 2011, 36, 3407.	3.3	31
164	Letter Hydrodynamic equation model for degenerate optical parametric oscillators. Journal of Modern Optics, 1996, 43, 1089-1094.	1.3	31
165	Analysis and modelling of the erbium-ytterbium glass laser. Optics Communications, 1993, 100, 311-321.	2.1	30
166	Superluminal pulse propagation in linear and nonlinear photonic grating structures. IEEE Journal of Selected Topics in Quantum Electronics, 2003, 9, 4-16.	2.9	30
167	Vacuum Instability and Pair Production in an Optical Setting. Physical Review Letters, 2012, 109, 110401.	7.8	30
168	Spatial solitary waves in nondegenerate optical parametric oscillators near an inverted bifurcation. Optics Communications, 1998, 149, 335-340.	2.1	28
169	Third-harmonic generation in quasi-phase-matched $\chi^{(2)}$ media with missing second harmonic. Optics Letters, 2007, 32, 1791.	3.3	28
170	PT phase control in circular multi-core fibers. Optics Letters, 2016, 41, 1897.	3.3	28
171	Plasmon hybridization engineering in self-organized anisotropic metasurfaces. Nano Research, 2018, 11, 3943-3956.	10.4	28
172	Non-Hermitian topological phase transition in PT-symmetric mode-locked lasers. Optics Letters, 2019, 44, 1190.	3.3	28
173	A note on robust pole assignment for periodic systems. IEEE Transactions on Automatic Control, 1996, 41, 1493-1497.	5.7	27
174	X-shaped waves in photonic crystals. Physical Review B, 2004, 70, .	3.2	27
175	Observation of Wave Packet Dichotomy and Adiabatic Stabilization in an Optical Waveguide. Physical Review Letters, 2005, 94, 073002.	7.8	27
176	Optical analog of population trapping in the continuum: Classical and quantum interference effects. Physical Review A, 2009, 79, .	2.5	27
177	Discrete diffraction and Bloch oscillations in non-Hermitian frequency lattices induced by complex photonic gauge fields. Physical Review B, 2020, 101, .	3.2	27
178	All-optical square-pulse generation and multiplication at 15 $\hat{1}$ / <sub>4</sub> m by use of a novel class of fiber Bragg gratings. Optics Letters, 2001, 26, 1615.	3.3	26
179	Topological optical Bloch oscillations in a deformed slab waveguide. Optics Letters, 2007, 32, 2647.	3.3	26
180	PT-symmetric mode-locking. Optics Letters, 2016, 41, 4518.	3.3	26

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181	High-repetition-rate picosecond pulse generation at 15â€‰%â€‰%Åµm by intracavity laser frequency modulation. Optics Letters, 1997, 22, 1642.	3.3	25
182	Spatial-temporal Gauss-Laguerre waves in dispersive media. Physical Review E, 2003, 68, 066612.	2.1	25
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