

# Stefano Longhi

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

432 papers	13,467 citations	58 h-index	96 g-index
478 ext. papers	16,345 ext. citations	3.6 avg, IF	7.81 L-index

#	Paper	IF	Citations
432	PT-symmetric laser absorber. <i>Physical Review A</i> , <b>2010</b> , 82,	2.6	619
431	Bloch oscillations in complex crystals with PT symmetry. <i>Physical Review Letters</i> , <b>2009</b> , 103, 123601	7.4	531
430	Quantum-optical analogies using photonic structures. <i>Laser and Photonics Reviews</i> , <b>2009</b> , 3, 243-261	8.3	467
429	Orbital angular momentum microlaser. <i>Science</i> , <b>2016</b> , 353, 464-7	33.3	341
428	Light propagation and localization in modulated photonic lattices and waveguides. <i>Physics Reports</i> , <b>2012</b> , 518, 1-79	27.7	318
427	Observation of dynamic localization in periodically curved waveguide arrays. <i>Physical Review Letters</i> , <b>2006</b> , 96, 243901	7.4	243
426	Fractional Schrödinger equation in optics. <i>Optics Letters</i> , <b>2015</b> , 40, 1117-20	3	215
425	Invisibility in $\mathcal{PT}$ -symmetric complex crystals. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2011</b> , 44, 485302	2	183
424	Spectral singularities and Bragg scattering in complex crystals. <i>Physical Review A</i> , <b>2010</b> , 81,	2.6	163
423	Faraday patterns in bose-Einstein condensates. <i>Physical Review Letters</i> , <b>2002</b> , 89, 210406	7.4	158
422	Optical realization of relativistic non-Hermitian quantum mechanics. <i>Physical Review Letters</i> , <b>2010</b> , 105, 013903	7.4	153
421	Visualization of coherent destruction of tunneling in an optical double well system. <i>Physical Review Letters</i> , <b>2007</b> , 98, 263601	7.4	148
420	Classical simulation of relativistic Zitterbewegung in photonic lattices. <i>Physical Review Letters</i> , <b>2010</b> , 105, 143902	7.4	142
419	Bloch-Zener oscillations in binary superlattices. <i>Physical Review Letters</i> , <b>2009</b> , 102, 076802	7.4	139
418	Parity-time symmetry meets photonics: A new twist in non-Hermitian optics. <i>Europhysics Letters</i> , <b>2017</b> , 120, 64001	1.6	137
417	Coherent tunneling by adiabatic passage in an optical waveguide system. <i>Physical Review B</i> , <b>2007</b> , 76,	3.3	133
416	Non-Hermitian topological light steering. <i>Science</i> , <b>2019</b> , 365, 1163-1166	33.3	132

415	Robust light transport in non-Hermitian photonic lattices. <i>Scientific Reports</i> , <b>2015</b> , 5, 13376	4.9	122
414	Topological Phase Transition in non-Hermitian Quasicrystals. <i>Physical Review Letters</i> , <b>2019</b> , 122, 237601	7.4	112
413	Photonic zero mode in a non-Hermitian photonic lattice. <i>Nature Communications</i> , <b>2018</b> , 9, 1308	17.4	112
412	Erbium-Ytterbium microlasers: optical properties and lasing characteristics. <i>Optical Materials</i> , <b>1999</b> , 11, 269-288	3.3	110
411	Photonic realization of the quantum Rabi model. <i>Physical Review Letters</i> , <b>2012</b> , 108, 163601	7.4	109
410	Fiber strain sensor based on a pi-phase-shifted Bragg grating and the Pound-Drever-Hall technique. <i>Optics Express</i> , <b>2008</b> , 16, 1945-50	3.3	109
409	Probing non-Hermitian skin effect and non-Bloch phase transitions. <i>Physical Review Research</i> , <b>2019</b> , 1,	3.9	94
408	Fractional Bloch oscillations in photonic lattices. <i>Nature Communications</i> , <b>2013</b> , 4, 1555	17.4	91
407	Measurement of superluminal optical tunneling times in double-barrier photonic band gaps. <i>Physical Review E</i> , <b>2002</b> , 65, 046610	2.4	91
406	Nonexponential decay via tunneling in tight-binding lattices and the optical zeno effect. <i>Physical Review Letters</i> , <b>2006</b> , 97, 110402	7.4	90
405	Adiabatic transfer of light via a continuum in optical waveguides. <i>Optics Letters</i> , <b>2009</b> , 34, 2405-7	3	87
404	Tunable topological charge vortex microlaser. <i>Science</i> , <b>2020</b> , 368, 760-763	33.3	84
403	Diode-pumped bulk erbium-ytterbium lasers. <i>Applied Physics B: Lasers and Optics</i> , <b>1996</b> , 63, 425-436	1.9	83
402	Ultrafast nonlinear dynamics of surface plasmon polaritons in gold nanowires due to the intrinsic nonlinearity of metals. <i>New Journal of Physics</i> , <b>2013</b> , 15, 013033	2.9	82
401	Spectral singularities in a non-Hermitian Friedrichs-Fano-Anderson model. <i>Physical Review B</i> , <b>2009</b> , 80,	3.3	82
400	Photonic analog of Zitterbewegung in binary waveguide arrays. <i>Optics Letters</i> , <b>2010</b> , 35, 235-7	3	80
399	Imaging of Bloch oscillations in erbium-doped curved waveguide arrays. <i>Optics Letters</i> , <b>2006</b> , 31, 1651-3	3	76
398	Observation of surface states with algebraic localization. <i>Physical Review Letters</i> , <b>2013</b> , 111, 220403	7.4	74

397	Diode-pumped microchip Er-Yb:glass laser. <i>Optics Letters</i> , <b>1993</b> , 18, 1232-4	3	74
396	Non-Hermitian transparency and one-way transport in low-dimensional lattices by an imaginary gauge field. <i>Physical Review B</i> , <b>2015</b> , 92,	3.3	73
395	Adiabatic passage of light in coupled optical waveguides. <i>Physical Review E</i> , <b>2006</b> , 73, 026607	2.4	73
394	40-GHz pulse-train generation at 1.5 $\mu\text{m}$ with a chirped fiber grating as a frequency multiplier. <i>Optics Letters</i> , <b>2000</b> , 25, 1481-3	3	73
393	Bound states in the continuum in a single-level Fano-Anderson model. <i>European Physical Journal B</i> , <b>2007</b> , 57, 45-51	1.2	72
392	Observation of two-dimensional dynamic localization of light. <i>Physical Review Letters</i> , <b>2010</b> , 104, 223903	7.4	71
391	Aharonov-Bohm photonic cages in waveguide and coupled resonator lattices by synthetic magnetic fields. <i>Optics Letters</i> , <b>2014</b> , 39, 5892-5	3	70
390	Superluminal optical pulse propagation at 1.5 $\mu\text{m}$ in periodic fiber Bragg gratings. <i>Physical Review E</i> , <b>2001</b> , 64, 055602	2.4	70
389	Plasmonics in heavily-doped semiconductor nanocrystals. <i>European Physical Journal B</i> , <b>2013</b> , 86, 1	1.2	68
388	Invisibility in non-Hermitian tight-binding lattices. <i>Physical Review A</i> , <b>2010</b> , 82,	2.6	68
387	Non-Hermitian shortcut to adiabaticity. <i>Physical Review A</i> , <b>2013</b> , 87,	2.6	67
386	Adiabatic light transfer via dressed states in optical waveguide arrays. <i>Applied Physics Letters</i> , <b>2008</b> , 92, 011106	3.4	67
385	Swift-Hohenberg equation for optical parametric oscillators. <i>Physical Review A</i> , <b>1996</b> , 54, 4581-4584	2.6	67
384	Dynamic localization and transport in complex crystals. <i>Physical Review B</i> , <b>2009</b> , 80,	3.3	66
383	Diamond photonics platform enabled by femtosecond laser writing. <i>Scientific Reports</i> , <b>2016</b> , 6, 35566	4.9	65
382	Spectral and transport properties of time-periodic PT-symmetric tight-binding lattices. <i>Physical Review A</i> , <b>2013</b> , 87,	2.6	63
381	Coherent perfect absorption in a homogeneously broadened two-level medium. <i>Physical Review A</i> , <b>2011</b> , 83,	2.6	63
380	Geometric potential and transport in photonic topological crystals. <i>Physical Review Letters</i> , <b>2010</b> , 104, 150403	7.4	61

379	Real-time optical mapping of the dynamics of nonthermal electrons in thin gold films. <i>Physical Review B</i> , <b>2012</b> , 86,	3.3	61
378	Decay control via discrete-to-continuum coupling modulation in an optical waveguide system. <i>Physical Review Letters</i> , <b>2008</b> , 101, 143602	7.4	61
377	Klein tunneling in binary photonic superlattices. <i>Physical Review B</i> , <b>2010</b> , 81,	3.3	60
376	Modulational instability and space-time dynamics in nonlinear parabolic-index optical fibers. <i>Optics Letters</i> , <b>2003</b> , 28, 2363-5	3	60
375	Localized structures in optical parametric oscillation. <i>Physica Scripta</i> , <b>1997</b> , 56, 611-618	2.6	59
374	Traveling-wave states and secondary instabilities in optical parametric oscillators. <i>Physical Review A</i> , <b>1996</b> , 53, 4488-4499	2.6	58
373	Optics in curved space. <i>Physical Review Letters</i> , <b>2010</b> , 105, 143901	7.4	57
372	Classical simulation of relativistic quantum mechanics in periodic optical structures. <i>Applied Physics B: Lasers and Optics</i> , <b>2011</b> , 104, 453-468	1.9	56
371	Coherent destruction of tunneling in waveguide directional couplers. <i>Physical Review A</i> , <b>2005</b> , 71,	2.6	56
370	Self-imaging and modulational instability in an array of periodically curved waveguides. <i>Optics Letters</i> , <b>2005</b> , 30, 2137-9	3	56
369	Bound states in the continuum in PT-symmetric optical lattices. <i>Optics Letters</i> , <b>2014</b> , 39, 1697-700	3	55
368	Non-Hermitian shortcut to stimulated Raman adiabatic passage. <i>Physical Review A</i> , <b>2014</b> , 89,	2.6	55
367	Polychromatic beam splitting by fractional stimulated Raman adiabatic passage. <i>Applied Physics Letters</i> , <b>2009</b> , 95, 261102	3.4	55
366	Roadmap on STIRAP applications. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2019</b> , 52, 202001	1.3	54
365	Derivation of third-order nonlinear susceptibility of thin metal films as a delayed optical response. <i>Physical Review B</i> , <b>2012</b> , 85,	3.3	53
364	PT-symmetric microring laser-absorber. <i>Optics Letters</i> , <b>2014</b> , 39, 5026-9	3	52
363	Optical BLOCH oscillations and Zener tunneling with nonclassical light. <i>Physical Review Letters</i> , <b>2008</b> , 101, 193902	7.4	52
362	Quantum entropy source on an InP photonic integrated circuit for random number generation. <i>Optica</i> , <b>2016</b> , 3, 989	8.6	52

361	Dynamic band collapse in photonic graphene. <i>New Journal of Physics</i> , <b>2013</b> , 15, 013012	2.9	50
360	Experimental demonstration of the optical Zeno effect by scanning tunneling optical microscopy. <i>Optics Express</i> , <b>2008</b> , 16, 3762-7	3.3	50
359	Non-Hermitian Gauged Topological Laser Arrays. <i>Annalen Der Physik</i> , <b>2018</b> , 530, 1800023	2.6	49
358	Coherent control of tunneling in driven tight-binding chains: Perturbative analysis. <i>Physical Review B</i> , <b>2008</b> , 77,	3.3	49
357	Finding Exoplanets with Quantum Imaging. <i>Physics Magazine</i> , <b>2010</b> , 3,	1.1	48
356	Faraday patterns in low-dimensional Bose-Einstein condensates. <i>Physical Review A</i> , <b>2004</b> , 70,	2.6	48
355	Goos-Hänchen shift in complex crystals. <i>Physical Review A</i> , <b>2011</b> , 84,	2.6	47
354	Particle statistics affects quantum decay and Fano interference. <i>Physical Review Letters</i> , <b>2015</b> , 114, 090201	2.4	46
353	Klein tunneling of light in waveguide superlattices. <i>Europhysics Letters</i> , <b>2012</b> , 97, 10008	1.6	46
352	Zak phase of photons in optical waveguide lattices. <i>Optics Letters</i> , <b>2013</b> , 38, 3716-9	3	46
351	Bloch dynamics of light waves in helical optical waveguide arrays. <i>Physical Review B</i> , <b>2007</b> , 76,	3.3	46
350	. <i>IEEE Transactions on Automatic Control</i> , <b>1994</b> , 39, 692-696	5.9	45
349	Effective magnetic fields for photons in waveguide and coupled resonator lattices. <i>Optics Letters</i> , <b>2013</b> , 38, 3570-3	3	44
348	Ultrashort-pulse generation in degenerate optical parametric oscillators. <i>Optics Letters</i> , <b>1995</b> , 20, 695-7	3	44
347	Widely tunable continuous-wave diode-pumped 2-microm Tm-Ho:KYF4 laser. <i>Optics Letters</i> , <b>2004</b> , 29, 715-7	3	43
346	Transient Optical Response of a Single Gold Nanoantenna: The Role of Plasmon Detuning. <i>ACS Photonics</i> , <b>2015</b> , 2, 521-529	6.3	42
345	Non-Bloch-Band Collapse and Chiral Zener Tunneling. <i>Physical Review Letters</i> , <b>2020</b> , 124, 066602	7.4	42
344	Optical analogue of relativistic Dirac solitons in binary waveguide arrays. <i>Annals of Physics</i> , <b>2014</b> , 340, 179-187	2.5	42

343	Nonlinear Anisotropic Dielectric Metasurfaces for Ultrafast Nanophotonics. <i>ACS Photonics</i> , <b>2017</b> , 4, 2129-2136	4.1	41
342	Measurement of the energy transfer and upconversion constants in Er <sup>3+</sup> /Yb <sup>3+</sup> -doped phosphate glass. <i>Optical and Quantum Electronics</i> , <b>1999</b> , 31, 249-262	2.4	41
341	Ultrafast Optical Mapping of Nonlinear Plasmon Dynamics in Cu <sub>2</sub> Se Nanoparticles. <i>Journal of Physical Chemistry Letters</i> , <b>2013</b> , 4, 3337-3344	6.4	39
340	Unidirectional lasing in semiconductor microring lasers at an exceptional point [Invited]. <i>Photonics Research</i> , <b>2017</b> , 5, B1	6	39
339	Robust Light State by Quantum Phase Transition in Non-Hermitian Optical Materials. <i>Scientific Reports</i> , <b>2015</b> , 5, 17022	4.9	39
338	Self-assembled CdSe/CdS nanorod micro-lasers fabricated from solution by capillary jet deposition. <i>Laser and Photonics Reviews</i> , <b>2012</b> , 6, 678-683	8.3	39
337	Time-reversed optical parametric oscillation. <i>Physical Review Letters</i> , <b>2011</b> , 107, 033901	7.4	39
336	Image reconstruction in segmented femtosecond laser-written waveguide arrays. <i>Applied Physics Letters</i> , <b>2008</b> , 93, 181109	3.4	39
335	Slow light in periodic superstructure Bragg gratings. <i>Physical Review E</i> , <b>2005</b> , 72, 056605	2.4	39
334	Stable multipulse states in a nonlinear dispersive cavity with parametric gain. <i>Physical Review E</i> , <b>1996</b> , 53, 5520-5522	2.4	39
333	Non-reciprocal transmission in photonic lattices based on unidirectional coherent perfect absorption. <i>Optics Letters</i> , <b>2015</b> , 40, 1278-81	3	38
332	Photonic realization of the relativistic Dirac oscillator. <i>Optics Letters</i> , <b>2010</b> , 35, 1302-4	3	38
331	Experimental observation of a photon bouncing ball. <i>Physical Review Letters</i> , <b>2009</b> , 102, 180402	7.4	38
330	Self-collimation and self-imaging effects in modulated waveguide arrays. <i>Optics Communications</i> , <b>2008</b> , 281, 4343-4347	2	38
329	Half-spectral unidirectional invisibility in non-Hermitian periodic optical structures. <i>Optics Letters</i> , <b>2015</b> , 40, 5694-7	3	37
328	Photonic Bloch oscillations of correlated particles. <i>Optics Letters</i> , <b>2011</b> , 36, 3248-50	3	37
327	Floquet bound states in the continuum. <i>Scientific Reports</i> , <b>2013</b> , 3, 2219	4.9	36
326	Direct observation of Landau-Zener tunneling in a curved optical waveguide coupler. <i>Physical Review A</i> , <b>2009</b> , 79,	2.6	36

325	Stopping and time reversal of light in dynamic photonic structures via Bloch oscillations. <i>Physical Review E</i> , <b>2007</b> , 75, 026606	2.4	36
324	Quantum-mechanical analogy of beam propagation in waveguides with a bent axis: dynamic-mode stabilization and radiation-loss suppression. <i>Physical Review E</i> , <b>2003</b> , 67, 036601	2.4	36
323	Experimental analysis and theoretical modeling of a diode-pumped Er:Yb:glass microchip laser. <i>Optics Letters</i> , <b>1995</b> , 20, 889-91	3	36
322	Monolithic polymer microcavity lasers with on-top evaporated dielectric mirrors. <i>Applied Physics Letters</i> , <b>2006</b> , 88, 121110	3.4	34
321	Gaussian pulsed beams with arbitrary speed. <i>Optics Express</i> , <b>2004</b> , 12, 935-40	3.3	34
320	Superluminal pulse reflection in asymmetric one-dimensional photonic band gaps. <i>Physical Review E</i> , <b>2001</b> , 64, 037601	2.4	34
319	Metal-insulator phase transition in a non-Hermitian Aubry-Andr�Harper model. <i>Physical Review B</i> , <b>2019</b> , 100,	3.3	33
318	Optical realization of the two-site BoseHubbard model in waveguide lattices. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2011</b> , 44, 051001	1.3	33
317	Periodic wave packet reconstruction in truncated tight-binding lattices. <i>Physical Review B</i> , <b>2010</b> , 82,	3.3	32
316	Transfer of light waves in optical waveguides via a continuum. <i>Physical Review A</i> , <b>2008</b> , 78,	2.6	32
315	Self-focusing and nonlinear periodic beams in parabolic index optical fibres. <i>Journal of Optics B: Quantum and Semiclassical Optics</i> , <b>2004</b> , 6, S303-S308		32
314	Sub-100-ps amplitude-modulation mode-locked Tm-Ho:BaY2F8 laser at 2.06 microm. <i>Optics Letters</i> , <b>2003</b> , 28, 2085-7	3	32
313	Wave reflection in dielectric media obeying spatial Kramers-Kronig relations. <i>Europhysics Letters</i> , <b>2015</b> , 112, 64001	1.6	31
312	Bloch oscillations in tight-binding lattices with defects. <i>Physical Review B</i> , <b>2010</b> , 81,	3.3	31
311	Non-Markovian decay and lasing condition in an optical microcavity coupled to a structured reservoir. <i>Physical Review A</i> , <b>2006</b> , 74,	2.6	31
310	Optical realization of multilevel adiabatic population transfer in curved waveguide arrays. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2006</b> , 359, 166-170	2.3	31
309	Localized subluminal envelope pulses in dispersive media. <i>Optics Letters</i> , <b>2004</b> , 29, 147-9	3	31
308	Convective and absolute PT-symmetry breaking in tight-binding lattices. <i>Physical Review A</i> , <b>2013</b> , 88,	2.6	30



307	Optical Zener-Bloch oscillations in binary waveguide arrays. <i>Europhysics Letters</i> , <b>2006</b> , 76, 416-421	1.6	30
306	Propagation, manipulation, and control of picosecond optical pulses at 15 th in fiber Bragg gratings. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2002</b> , 19, 2742	1.7	30
305	Theory of transverse modes in end-pumped microchip lasers. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>1994</b> , 11, 1098	1.7	30
304	Letter Hydrodynamic equation model for degenerate optical parametric oscillators. <i>Journal of Modern Optics</i> , <b>1996</b> , 43, 1089-1094	1.1	30
303	Supersymmetric transparent optical intersections. <i>Optics Letters</i> , <b>2015</b> , 40, 463-6	3	29
302	Invisible defects in complex crystals. <i>Annals of Physics</i> , <b>2013</b> , 334, 35-46	2.5	29
301	Optical lattices with exceptional points in the continuum. <i>Physical Review A</i> , <b>2014</b> , 89,	2.6	29
300	Optical analogue of coherent population trapping via a continuum in optical waveguide arrays. <i>Journal of Modern Optics</i> , <b>2009</b> , 56, 729-737	1.1	29
299	Experimental observation of superluminal pulse reflection in a double-Lorentzian photonic band gap. <i>Physical Review E</i> , <b>2002</b> , 65, 045602	2.4	29
298	Topological suppression of optical tunneling in a twisted annular fiber. <i>Physical Review A</i> , <b>2007</b> , 76,	2.6	28
297	Spatial solitary waves and patterns in type II second-harmonic generation. <i>Optics Letters</i> , <b>1998</b> , 23, 346-83		28
296	Single-mode cw erbium-ytterbium glass laser at 1.5 microm. <i>Optics Letters</i> , <b>1993</b> , 18, 31-3	3	28
295	Invited Article: Mitigation of dynamical instabilities in laser arrays via non-Hermitian coupling. <i>APL Photonics</i> , <b>2018</b> , 3, 060802	5.2	27
294	Presence of temporal dynamical instabilities in topological insulator lasers. <i>Europhysics Letters</i> , <b>2018</b> , 122, 14004	1.6	27
293	Airy beams from a microchip laser. <i>Optics Letters</i> , <b>2011</b> , 36, 716-8	3	27
292	Observation of wave packet dichotomy and adiabatic stabilization in an optical waveguide. <i>Physical Review Letters</i> , <b>2005</b> , 94, 073002	7.4	27
291	Jaynes-Cummings photonic superlattices. <i>Optics Letters</i> , <b>2011</b> , 36, 3407-9	3	26
290	Generalized Aubry-Andr� self-duality and mobility edges in non-Hermitian quasiperiodic lattices. <i>Physical Review B</i> , <b>2020</b> , 102,	3.3	26

289	Bidirectional invisibility in Kramers-Kronig optical media. <i>Optics Letters</i> , <b>2016</b> , 41, 3727-30	3	26
288	Non-Hermitian tight-binding network engineering. <i>Physical Review A</i> , <b>2016</b> , 93,	2.6	25
287	Superluminal pulse propagation in linear and nonlinear photonic grating structures. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , <b>2003</b> , 9, 4-16	3.8	25
286	Spatial solitary waves in nondegenerate optical parametric oscillators near an inverted bifurcation. <i>Optics Communications</i> , <b>1998</b> , 149, 335-340	2	24
285	Image reconstruction in segmented waveguide arrays. <i>Optics Letters</i> , <b>2008</b> , 33, 473-5	3	24
284	Tamm-Hubbard surface states in the continuum. <i>Journal of Physics Condensed Matter</i> , <b>2013</b> , 25, 235601	1.8	23
283	Optical analog of population trapping in the continuum: Classical and quantum interference effects. <i>Physical Review A</i> , <b>2009</b> , 79,	2.6	23
282	Tunneling escape in optical waveguide arrays with a boundary defect. <i>Physical Review E</i> , <b>2006</b> , 74, 026602	2.4	23
281	Non-Bloch $\mathcal{PT}$ symmetry breaking in non-Hermitian photonic quantum walks. <i>Optics Letters</i> , <b>2019</b> , 44, 5804-5807	3	23
280	Correlated super-Bloch oscillations. <i>Physical Review B</i> , <b>2012</b> , 86,	3.3	22
279	Visualization of two-photon Rabi oscillations in evanescently coupled optical waveguides. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2008</b> , 41, 085402	1.3	22
278	Third-harmonic generation in quasi-phase-matched $\chi(2)$ media with missing second harmonic. <i>Optics Letters</i> , <b>2007</b> , 32, 1791-3	3	22
277	Topological optical Bloch oscillations in a deformed slab waveguide. <i>Optics Letters</i> , <b>2007</b> , 32, 2647-9	3	22
276	Photonic transport via chirped adiabatic passage in optical waveguides. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2007</b> , 40, F189-F195	1.3	22
275	X-shaped waves in photonic crystals. <i>Physical Review B</i> , <b>2004</b> , 70,	3.3	22
274	All-optical square-pulse generation and multiplication at 1.5 $\mu\text{m}$ by use of a novel class of fiber Bragg gratings. <i>Optics Letters</i> , <b>2001</b> , 26, 1615-7	3	22
273	A note on robust pole assignment for periodic systems. <i>IEEE Transactions on Automatic Control</i> , <b>1996</b> , 41, 1493-1497	5.9	22
272	Analysis and modelling of the erbium-ytterbium glass laser. <i>Optics Communications</i> , <b>1993</b> , 100, 311-321	2	22

271	Floquet exceptional points and chirality in non-Hermitian Hamiltonians. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2017</b> , 50, 505201	2	21
270	Exceptional points and Bloch oscillations in non-Hermitian lattices with unidirectional hopping. <i>Europhysics Letters</i> , <b>2014</b> , 106, 34001	1.6	21
269	Many-body selective destruction of tunneling in a bosonic junction. <i>Physical Review A</i> , <b>2012</b> , 86,	2.6	21
268	Photonic realization of PT-symmetric quantum field theories. <i>Physical Review A</i> , <b>2012</b> , 85,	2.6	21
267	Light transfer control and diffraction management in circular fibre waveguide arrays. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2007</b> , 40, 4477-4492	1.3	21
266	Landau-Zener dynamics in a curved optical directional coupler. <i>Journal of Optics B: Quantum and Semiclassical Optics</i> , <b>2005</b> , 7, L9-L12		21
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