

Alexander Szameit

List of Publications by Year in Descending Order

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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.

259
papers

12,723
citations

56
h-index

106
g-index

481
ext. papers

16,349
ext. citations

7.6
avg, IF

6.57
L-index

#	Paper	IF	Citations
259	Topological triple phase transition in non-Hermitian Floquet quasicrystals.. <i>Nature</i> , 2022 , 601, 354-359	50.4	6
258	Floquet Edge Multicolor Solitons. <i>Laser and Photonics Reviews</i> , 2022 , 16, 2100398	8.3	1
257	Fractal photonic topological insulators.. <i>Science</i> , 2022 , 376, eabm2842	33.3	7
256	Photonic two-particle quantum walks in Su-Schrieffer-Heeger lattices. <i>Photonics Research</i> , 2021 , 9, A1	6	4
255	Quantum random number generation using a hexagonal boron nitride single photon emitter. <i>Journal of Optics (United Kingdom)</i> , 2021 , 23, 01LT01	1.7	7
254	Topological effects in integrated photonic waveguide structures [Invited]. <i>Optical Materials Express</i> , 2021 , 11, 1014	2.6	5
253	Transport and spectral features in non-Hermitian open systems. <i>Physical Review Research</i> , 2021 , 3,	3.9	8
252	Theory of topological corner state laser in Kagome waveguide arrays. <i>APL Photonics</i> , 2021 , 6, 040802	5.2	10
251	Nonlinear tuning of PT symmetry and non-Hermitian topological states. <i>Science</i> , 2021 , 372, 72-76	33.3	38
250	Symmetry Allows for Distinguishability in Totally Destructive Many-Particle Interference. <i>PRX Quantum</i> , 2021 , 2,	6.1	2
249	Topological dipole Floquet solitons. <i>Physical Review A</i> , 2021 , 103,	2.6	9
248	Topological Defect Engineering and PT Symmetry in Non-Hermitian Electrical Circuits. <i>Physical Review Letters</i> , 2021 , 126, 215302	7.4	16
247	Coexistence of dynamical delocalization and spectral localization through stochastic dissipation. <i>Nature Photonics</i> , 2021 , 15, 576-581	33.9	4
246	Exploring complex graphs using three-dimensional quantum walks of correlated photons. <i>Science Advances</i> , 2021 , 7,	14.3	5
245	Nonlinear second-order photonic topological insulators. <i>Nature Physics</i> , 2021 , 17, 995-1000	16.2	20
244	Towards probing for hypercomplex quantum mechanics in a waveguide interferometer. <i>New Journal of Physics</i> , 2021 , 23, 093038	2.9	0
243	Nonlinearity-induced photonic topological insulator. <i>Science</i> , 2020 , 370, 701-704	33.3	57

242	Possible Link between the Distribution of Atomic Spectral Lines and the Radiation-Matter-Equilibrium in the Early Universe. <i>Annalen Der Physik</i> , 2020 , 532, 2000033	2.6	1
241	Tailored radially self-accelerating beams. <i>Journal of Optics (United Kingdom)</i> , 2020 , 22, 075605	1.7	2
240	Generalized bulk-boundary correspondence in non-Hermitian topoelectrical circuits. <i>Nature Physics</i> , 2020 , 16, 747-750	16.2	162
239	Observation of Local Symmetry in a Photonic System. <i>Laser and Photonics Reviews</i> , 2020 , 14, 1900222	8.3	
238	Topological state engineering via supersymmetric transformations. <i>Communications Physics</i> , 2020 , 3,	5.4	11
237	Fermionic time-reversal symmetry in a photonic topological insulator. <i>Nature Materials</i> , 2020 , 19, 855-860	10	
236	Topological funneling of light. <i>Science</i> , 2020 , 368, 311-314	33.3	134
235	A square-root topological insulator with non-quantized indices realized with photonic Aharonov-Bohm cages. <i>Nature Communications</i> , 2020 , 11, 907	17.4	53
234	Symmetry-controlled edge states in the type-II phase of Dirac photonic lattices. <i>Nature Communications</i> , 2020 , 11, 2074	17.4	5
233	Experimentally Realizing Photonic Topological Edge States in 3D 2020 ,		1
232	Experimental study of the interplay between dynamic localization and Anderson localization. <i>Optics Letters</i> , 2020 , 45, 415	3	5
231	Edge solitons in Lieb topological Floquet insulator. <i>Optics Letters</i> , 2020 , 45, 1459-1462	3	13
230	Bragg solitons in topological Floquet insulators. <i>Optics Letters</i> , 2020 , 45, 2271-2274	3	13
229	Demonstration of a nonlinearity induced photonic topological insulator 2020 ,		1
228	Integrated photonic quantum walks. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2020 , 53, 073001	1.3	4
227	Non-adiabatic dynamic-phase-free geometric phase in multiport photonic lattices. <i>Journal of Optics (United Kingdom)</i> , 2020 , 22, 035801	1.7	1
226	Synthesizing multi-dimensional excitation dynamics and localization transition in one-dimensional lattices. <i>Nature Photonics</i> , 2020 , 14, 76-81	33.9	21
225	Vector Topological Edge Solitons in Floquet Insulators. <i>ACS Photonics</i> , 2020 , 7, 735-745	6.3	18

224	Rogue waves in disordered 1D photonic lattices. <i>Scientific Reports</i> , 2020 , 10, 13064	4.9	1
223	Artificial gauge field switching using orbital angular momentum modes in optical waveguides. <i>Light: Science and Applications</i> , 2020 , 9, 150	16.7	15
222	Localized modes in a two-dimensional lattice with a pluslike geometry. <i>Physical Review E</i> , 2020 , 102, 032207	2.7	1
221	Nontrivial coupling of light into a defect: the interplay of nonlinearity and topology. <i>Light: Science and Applications</i> , 2020 , 9, 147	16.7	29
220	Observation of PT-symmetric quantum interference. <i>Nature Photonics</i> , 2019 , 13, 883-887	33.9	53
219	Demonstration of a two-dimensional [Formula: see text]-symmetric crystal. <i>Nature Communications</i> , 2019 , 10, 435	17.4	43
218	Light guiding by artificial gauge fields. <i>Nature Photonics</i> , 2019 , 13, 339-345	33.9	33
217	Roadmap on STIRAP applications. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2019 , 52, 202001	1.3	54
216	Realization of Free-Space Long-Distance Self-Healing Bessel Beams. <i>Laser and Photonics Reviews</i> , 2019 , 13, 1900103	8.3	24
215	Experimental Realization of PT-Symmetric Flat Bands. <i>Physical Review Letters</i> , 2019 , 123, 183601	7.4	19
214	Optimal design strategy for non-Abelian geometric phases using Abelian gauge fields based on quantum metric. <i>Physical Review Research</i> , 2019 , 1,	3.9	5
213	Realization of a Non-Quantized Square-Root Topological Insulator Based on Photonic Aharonov-Bohm Cages 2019 ,		1
212	Improving techniques for diagnostics of laser pulses by compact representations. <i>Optics Express</i> , 2019 , 27, 8920-8934	3.3	1
211	Embedded nanograting-based waveplates for polarization control in integrated photonic circuits. <i>Optical Materials Express</i> , 2019 , 9, 2560	2.6	4
210	Inline detection and reconstruction of multiphoton quantum states. <i>Optica</i> , 2019 , 6, 41	8.6	3
209	Photonic topological insulator in synthetic dimensions. <i>Nature</i> , 2019 , 567, 356-360	50.4	120
208	Optimal Design Strategy of Non-Abelian Geometric Phases Based on Quantum Metric 2019 ,		1
207	Path-integral description of quantum nonlinear optics in arbitrary media. <i>Physical Review A</i> , 2019 , 100,	2.6	3

206	Scalable on-chip quantum state tomography. <i>Npj Quantum Information</i> , 2018 , 4,	8.6	27
205	Integrated-optics heralded controlled-NOT gate for polarization-encoded qubits. <i>Npj Quantum Information</i> , 2018 , 4,	8.6	39
204	Analog gravity by an optical vortex: Resonance enhancement of Hawking radiation. <i>Physical Review A</i> , 2018 , 97,	2.6	6
203	Two-particle four-point correlations in dynamically disordered tight-binding networks. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2018 , 51, 024002	1.3	4
202	\mathcal{PT} -symmetric photonic quantum systems with gain and loss do not exist. <i>Europhysics Letters</i> , 2018 , 122, 34001	1.6	39
201	Photonic topological Anderson insulators. <i>Nature</i> , 2018 , 560, 461-465	50.4	105
200	Vector properties of radially self-accelerating beams. <i>Journal of Optics (United Kingdom)</i> , 2018 , 20, 1256017	0.1	2
199	Passive \mathcal{PT} -Symmetry in Laser-Written Optical Waveguide Structures. <i>Springer Tracts in Modern Physics</i> , 2018 , 123-153	0.1	
198	Endurance of quantum coherence due to particle indistinguishability in noisy quantum networks. <i>Npj Quantum Information</i> , 2018 , 4,	8.6	20
197	Multiphoton discrete fractional Fourier dynamics in waveguide beam splitters. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2018 , 35, 1985	1.7	8
196	Tapering of femtosecond laser-written waveguides. <i>Applied Optics</i> , 2018 , 57, 377-381	1.7	18
195	Quantum X waves with orbital angular momentum in nonlinear dispersive media. <i>Journal of Optics (United Kingdom)</i> , 2018 , 20, 065201	1.7	4
194	Observation of dipolar transport in one-dimensional photonic lattices. <i>Science Bulletin</i> , 2017 , 62, 339-344	10.6	6
193	Squeezing of X waves with orbital angular momentum. <i>Physical Review A</i> , 2017 , 95,	2.6	5
192	Advanced-Retarded Differential Equations in Quantum Photonic Systems. <i>Scientific Reports</i> , 2017 , 7, 42933	4.9	8
191	Observation of Bloch oscillations with a threshold. <i>APL Photonics</i> , 2017 , 2, 051302	5.2	3
190	Dirac Dynamics in Waveguide Arrays: From Zitterbewegung to Photonic Topological Insulators. <i>Quantum Science and Technology</i> , 2017 , 181-214	1.2	2
189	Topologically protected bound states in photonic parity-time-symmetric crystals. <i>Nature Materials</i> , 2017 , 16, 433-438	27	414

188	Observation of photonic anomalous Floquet topological insulators. <i>Nature Communications</i> , 2017 , 8, 13756	17.4	226
187	Interferometric control of the photon-number distribution. <i>APL Photonics</i> , 2017 , 2, 071301	5.2	7
186	Optical emulation of photon-pair generation in nonlinear lossy waveguides. <i>Europhysics Letters</i> , 2017 , 118, 54001	1.6	2
185	Flat-band light dynamics in Stub photonic lattices. <i>Scientific Reports</i> , 2017 , 7, 15085	4.9	30
184	Real and virtual propagation dynamics of angular accelerating white light beams. <i>Optics Express</i> , 2017 , 25, 20530-20540	3.3	2
183	Realization of Photonic Anomalous Floquet Topological Insulators 2017 ,		1
182	Generalized Schrödinger cat states and their classical emulation. <i>Physical Review A</i> , 2016 , 93,	2.6	4
181	Analogue of Rashba pseudo-spin-orbit coupling in photonic lattices by gauge field engineering. <i>Physical Review B</i> , 2016 , 94,	3.3	15
180	Universal Sign Control of Coupling in Tight-Binding Lattices. <i>Physical Review Letters</i> , 2016 , 116, 213901	7.4	41
179	Photoionization of neutral atoms by X waves carrying orbital angular momentum. <i>Physical Review A</i> , 2016 , 94,	2.6	12
178	Enhancing coherent transport in a photonic network using controllable decoherence. <i>Nature Communications</i> , 2016 , 7, 11282	17.4	57
177	Harnessing click detectors for the genuine characterization of light states. <i>Scientific Reports</i> , 2016 , 6, 19489	4.9	23
176	Implementation of quantum and classical discrete fractional Fourier transforms. <i>Nature Communications</i> , 2016 , 7, 11027	17.4	54
175	The Pegg-Barnett phase operator and the discrete Fourier transform. <i>Physica Scripta</i> , 2016 , 91, 043008	2.6	6
174	Observation of noise-assisted energy transport in dynamically disordered photonic lattices 2016 ,		1
173	Sub-thermal to super-thermal light statistics from a disordered lattice via deterministic control of excitation symmetry. <i>Optica</i> , 2016 , 3, 477	8.6	16
172	Topological protection of photonic path entanglement. <i>Optica</i> , 2016 , 3, 925	8.6	52
171	Demonstration of local teleportation using classical entanglement. <i>Laser and Photonics Reviews</i> , 2016 , 10, 317-321	8.3	46

170	Cylindrically polarized nondiffracting optical pulses. <i>Journal of Optics (United Kingdom)</i> , 2016 , 18, 075605.7	5.7	9
169	Hybrid waveguide-bulk multi-path interferometer with switchable amplitude and phase. <i>APL Photonics</i> , 2016 , 1, 081302	5.2	8
168	Spatial Goos-Hänchen shift in photonic graphene. <i>Physical Review A</i> , 2016 , 94,	2.6	18
167	Measuring the Aharonov-Anandan phase in multiport photonic systems. <i>Optics Letters</i> , 2016 , 41, 1889-93		9
166	Transport in Sawtooth photonic lattices. <i>Optics Letters</i> , 2016 , 41, 2414-7	3	57
165	Hanbury Brown and Twiss anticorrelation in disordered photonic lattices. <i>Physical Review A</i> , 2016 , 94,	2.6	4
164	Integrated photonic quantum walks. <i>Journal of Optics (United Kingdom)</i> , 2016 , 18, 103002	1.7	31
163	Observation of Localized States in Lieb Photonic Lattices. <i>Physical Review Letters</i> , 2015 , 114, 245503	7.4	319
162	A novel integrated quantum circuit for high-order W-state generation and its highly precise characterization. <i>Science Bulletin</i> , 2015 , 60, 96-100	10.6	73
161	Optical simulation of charge conservation violation and Majorana dynamics. <i>Optica</i> , 2015 , 2, 454	8.6	29
160	Experimental observation of N00N state Bloch oscillations. <i>Nature Communications</i> , 2015 , 6, 8273	17.4	36
159	Parity-time (PT) symmetric topological interface states 2015 ,		1
158	Photonics: Random sudoku light. <i>Nature</i> , 2015 , 526, 643-4	50.4	1
157	Observation of a Topological Transition in the Bulk of a Non-Hermitian System. <i>Physical Review Letters</i> , 2015 , 115, 040402	7.4	380
156	Two-particle quantum correlations at graphene edges. <i>2D Materials</i> , 2015 , 2, 034005	5.9	6
155	On-chip generation of Einstein-Podolsky-Rosen states with arbitrary symmetry. <i>Applied Physics Letters</i> , 2015 , 106, 181106	3.4	3
154	Experimental realization of a topological Anderson insulator 2015 ,		3
153	Angular accelerating white light 2015 ,		1

152	Laser written circuits for quantum photonics. <i>Laser and Photonics Reviews</i> , 2015 , 9, 363-384	8.3	126
151	Universal form of the carrier frequency of scalar and vector paraxial X waves with orbital angular momentum and arbitrary frequency spectrum. <i>Physical Review A</i> , 2015 , 92,	2.6	8
150	Effect of Orbital Angular Momentum on Nondiffracting Ultrashort Optical Pulses. <i>Physical Review Letters</i> , 2015 , 115, 100401	7.4	39
149	Generalized Multiphoton Quantum Interference. <i>Physical Review X</i> , 2015 , 5,	9.1	66
148	Direct measurement of second-order coupling in a waveguide lattice. <i>Applied Physics Letters</i> , 2015 , 107, 241104	3.4	14
147	Optimization and control of two-component radially self-accelerating beams. <i>Applied Physics Letters</i> , 2015 , 107, 211104	3.4	6
146	Goos-Hänchen and Imbert-Fedorov shifts for Gaussian beams impinging on graphene-coated surfaces. <i>Optics Express</i> , 2015 , 23, 30195-203	3.3	58
145	Nonlinear Light Propagation in Laser-Written Waveguide Arrays. <i>Springer Series in Optical Sciences</i> , 2015 , 185-205	0.5	
144	Implementation of Quantum and Classical Discrete Fractional Fourier Transforms 2015 ,		1
143	Supersymmetric mode converters. <i>Nature Communications</i> , 2014 , 5, 3698	17.4	93
142	Observation of unconventional edge states in photonic graphene. <i>Nature Materials</i> , 2014 , 13, 57-62	27	202
141	Generalized radially self-accelerating helicon beams. <i>Physical Review Letters</i> , 2014 , 113, 183901	7.4	37
140	Ultraprecise phase manipulation in integrated photonic quantum circuits with generalized directional couplers. <i>Applied Physics Letters</i> , 2014 , 105, 061111	3.4	6
139	Edge states in disordered photonic graphene. <i>Optics Letters</i> , 2014 , 39, 602-5	3	22
138	Impact of loss on the wave dynamics in photonic waveguide lattices. <i>Physical Review Letters</i> , 2014 , 113, 123903	7.4	43
137	Quantum walks of correlated photon pairs in two-dimensional waveguide arrays. <i>Physical Review Letters</i> , 2014 , 112, 143604	7.4	82
136	On-chip generation of high-order single-photon W-states. <i>Nature Photonics</i> , 2014 , 8, 791-795	33.9	78
135	Quasi \mathcal{P} - \mathcal{T} -symmetry in passive photonic lattices. <i>Journal of Optics (United Kingdom)</i> , 2014 , 16, 065501	1.7	38

134	Arbitrary photonic wave plate operations on chip: realizing Hadamard, Pauli-X, and rotation gates for polarisation qubits. <i>Scientific Reports</i> , 2014 , 4, 4118	4.9	43
133	Spatio-temporal hybrid Anderson localization. <i>Europhysics Letters</i> , 2014 , 108, 64002	1.6	
132	Experimental observation of bulk and edge transport in photonic Lieb lattices. <i>New Journal of Physics</i> , 2014 , 16, 063061	2.9	147
131	Analytical model for polarization-dependent light propagation in waveguide arrays and applications. <i>Physical Review A</i> , 2014 , 90,	2.6	15
130	Lieb Photonic Topological Insulator 2014 ,		1
129	Observation of asymmetric solitons in waveguide arrays with refractive index gradient. <i>Optics Letters</i> , 2014 , 39, 3694-7	3	
128	Enhancement of the ensemble-averaged coupling between defects in random environments. <i>Optics Letters</i> , 2014 , 39, 3599-602	3	1
127	Observation of linear properties in a Sawtooth photonic lattice 2014 ,		1
126	Coherent random walks in free space. <i>Optica</i> , 2014 , 1, 268	8.6	17
125	Observation of supersymmetric scattering in photonic lattices. <i>Optics Letters</i> , 2014 , 39, 6130-3	3	27
124	Photonic coherent state transfer with Hamiltonian dynamics. <i>Optics Letters</i> , 2014 , 39, 123-6	3	5
123	Light transport in PT-invariant photonic structures with hidden symmetries. <i>Physical Review A</i> , 2014 , 90,	2.6	44
122	Radiation-loss management in modulated waveguides. <i>Optics Letters</i> , 2014 , 39, 6831-4	3	11
121	Dynamic localization in Glauber-Fock lattices. <i>Journal of Physics Condensed Matter</i> , 2013 , 25, 035603	1.8	1
120	Topological creation and destruction of edge states in photonic graphene. <i>Physical Review Letters</i> , 2013 , 111, 103901	7.4	183
119	Mobility transition from ballistic to diffusive transport in non-Hermitian lattices. <i>Nature Communications</i> , 2013 , 4, 2533	17.4	84
118	Compact surface Fano states embedded in the continuum of waveguide arrays. <i>Physical Review Letters</i> , 2013 , 111, 240403	7.4	137
117	Strain-induced pseudomagnetic field and photonic Landau levels in dielectric structures. <i>Nature Photonics</i> , 2013 , 7, 153-158	33.9	244

116	Transverse localization in nonlinear photonic lattices with second-order coupling. <i>Physical Review A</i> , 2013 , 87,	2.6	6
115	Spatial light rectification in an optical waveguide lattice. <i>Europhysics Letters</i> , 2013 , 101, 44002	1.6	14
114	Nonlinear light propagation in fs laser-written waveguide arrays. <i>MATEC Web of Conferences</i> , 2013 , 8, 06003	0.3	
113	Photonic Floquet topological insulators. <i>Nature</i> , 2013 , 496, 196-200	50.4	1766
112	Experimental observation of superdiffusive transport in random dimer lattices. <i>New Journal of Physics</i> , 2013 , 15, 013045	2.9	25
111	Einstein-Podolsky-Rosen spatial entanglement in ordered and anderson photonic lattices. <i>Physical Review Letters</i> , 2013 , 110, 150503	7.4	56
110	Experimental boson sampling. <i>Nature Photonics</i> , 2013 , 7, 540-544	33.9	443
109	The random mass Dirac model and long-range correlations on an integrated optical platform. <i>Nature Communications</i> , 2013 , 4, 1368	17.4	24
108	Correlations of indistinguishable particles in non-Hermitian lattices. <i>New Journal of Physics</i> , 2013 , 15, 033008	2.9	7
107	Self-trapping threshold in disordered nonlinear photonic lattices. <i>Optics Letters</i> , 2013 , 38, 1518-20	3	10
106	Coherent quantum transport in photonic lattices. <i>Physical Review A</i> , 2013 , 87,	2.6	103
105	Superballistic growth of the variance of optical wave packets. <i>Optics Letters</i> , 2013 , 38, 4675-8	3	13
104	Hybrid Bloch-Anderson localization of light. <i>Optics Letters</i> , 2013 , 38, 1488-90	3	16
103	Perfect transfer of path-entangled photons in Jx photonic lattices. <i>Physical Review A</i> , 2013 , 87,	2.6	36
102	Light scattering in disordered honeycomb photonic lattices near the Dirac points. <i>Optics Letters</i> , 2013 , 38, 3727-30	3	6
101	Discrete-like diffraction dynamics in free space. <i>Optics Express</i> , 2013 , 21, 17951-60	3.3	12
100	Enhanced distribution of a wave-packet in lattices with disorder and nonlinearity. <i>Optics Express</i> , 2013 , 21, 927-34	3.3	12
99	Generating photon-encoded W states in multiport waveguide-array systems. <i>Physical Review A</i> , 2013 , 87,	2.6	35

98	Photonic Floquet topological insulators 2013 ,		1
97	Vacuum instability and pair production in an optical setting. <i>Physical Review Letters</i> , 2012 , 109, 110401	7.4	19
96	Biphoton generation in quadratic waveguide arrays: a classical optical simulation. <i>Scientific Reports</i> , 2012 , 2, 562	4.9	29
95	Klein tunneling of light in waveguide superlattices. <i>Europhysics Letters</i> , 2012 , 97, 10008	1.6	46
94	Optical analogues for massless dirac particles and conical diffraction in one dimension. <i>Physical Review Letters</i> , 2012 , 109, 023602	7.4	54
93	Sparsity-based single-shot subwavelength coherent diffractive imaging. <i>Nature Materials</i> , 2012 , 11, 455-97	9	135
92	Observation of dispersion-free edge states in honeycomb photonic lattices 2012 ,		1
91	Optical limiting and spectral stabilization in segmented photonic lattices. <i>Optics Express</i> , 2012 , 20, 27299-310	5	
90	Observation of Bloch-like revivals in semi-infinite Glauber-Fock photonic lattices. <i>Optics Letters</i> , 2012 , 37, 3801-3	3	31
89	Negative coupling between defects in waveguide arrays. <i>Optics Letters</i> , 2012 , 37, 533-5	3	13
88	Observation of the gradual transition from one-dimensional to two-dimensional Anderson localization. <i>Optics Letters</i> , 2012 , 37, 593-5	3	16
87	Anderson localization in a periodic photonic lattice with a disordered boundary. <i>Optics Letters</i> , 2012 , 37, 485-7	3	20
86	Nonlinear localized modes in Glauber-Fock photonic lattices. <i>Optics Letters</i> , 2012 , 37, 1865-7	3	4
85	Perfect imaging through a disordered waveguide lattice. <i>Optics Letters</i> , 2012 , 37, 809-11	3	25
84	Anderson cross-localization. <i>Optics Letters</i> , 2012 , 37, 1715-7	3	23
83	Tailoring the correlation and anticorrelation behavior of path-entangled photons in Glauber-Fock oscillator lattices. <i>Physical Review A</i> , 2012 , 85,	2.6	29
82	Disorder-enhanced nonlinear delocalization in segmented waveguide arrays. <i>New Journal of Physics</i> , 2012 , 14, 073026	2.9	10
81	Sparsity-based single-shot subwavelength coherent diffractive imaging 2012 ,		2

80	Discrete Optics in Femtosecond Laser Written Waveguide Arrays. <i>Topics in Applied Physics</i> , 2012 , 351-388.	0.5	3
79	Linear and Nonlinear Wave Dynamics in Amorphous Photonic Lattices. <i>Springer Series in Optical Sciences</i> , 2012 , 93-109	0.5	
78	Classical analogue of displaced Fock states and quantum correlations in Glauber-Fock photonic lattices. <i>Physical Review Letters</i> , 2011 , 107, 103601	7.4	66
77	Anderson localization in optical waveguide arrays with off-diagonal coupling disorder. <i>Optics Express</i> , 2011 , 19, 13636-46	3.3	116
76	Sparsity based sub-wavelength imaging with partially incoherent light via quadratic compressed sensing. <i>Optics Express</i> , 2011 , 19, 14807-22	3.3	103
75	Light bullets in waveguide arrays: spacetime-coupling, spectral symmetry breaking and superluminal decay [Invited]. <i>Optics Express</i> , 2011 , 19, 23171-87	3.3	21
74	Observation of asymptotic localization of a wave packet. <i>Optics Letters</i> , 2011 , 36, 2065-7	3	2
73	Solitons in geometric potentials. <i>Optics Letters</i> , 2011 , 36, 3470-2	3	8
72	Observation of anharmonic Bloch oscillations. <i>Optics Letters</i> , 2011 , 36, 3963-5	3	19
71	Negative Goos-H�nchen shift in periodic media. <i>Optics Letters</i> , 2011 , 36, 4446-8	3	8
70	Experimental observation of optical bound states in the continuum. <i>Physical Review Letters</i> , 2011 , 107, 183901	7.4	342
69	Nonlinear discrete optics in femtosecond laser-written photonic lattices. <i>Applied Physics B: Lasers and Optics</i> , 2011 , 104, 469-480	1.9	24
68	Light-induced self-synchronizing flow patterns. <i>New Journal of Physics</i> , 2011 , 13, 053021	2.9	6
67	All-optical routing and switching for three-dimensional photonic circuitry. <i>Scientific Reports</i> , 2011 , 1, 94	4.9	62
66	Amorphous photonic lattices: band gaps, effective mass, and suppressed transport. <i>Physical Review Letters</i> , 2011 , 106, 193904	7.4	51
65	Hanbury Brown and Twiss correlations of Anderson localized waves. <i>Physical Review A</i> , 2011 , 84,	2.6	33
64	PT-symmetry in honeycomb photonic lattices. <i>Physical Review A</i> , 2011 , 84,	2.6	192
63	Evolution dynamics of discrete-continuous light bullets. <i>Physical Review A</i> , 2011 , 84,	2.6	31

62	Anderson localization of partially incoherent light. <i>Physical Review A</i> , 2011 , 84,	2.6	10
61	Classical characterization of biphoton correlation in waveguide lattices. <i>Physical Review A</i> , 2011 , 83,	2.6	14
60	Realization of reflectionless potentials in photonic lattices. <i>Physical Review Letters</i> , 2011 , 106, 193903	7.4	31
59	Nonlinear localized states in the vicinity of topological defects in waveguide arrays. <i>New Journal of Physics</i> , 2010 , 12, 113020	2.9	7
58	Quasienergy band engineering and broadband dynamic localization in photonic lattices with long-range interaction. <i>Physical Review A</i> , 2010 , 82,	2.6	8
57	Observation of two-dimensional dynamic localization of light. <i>Physical Review Letters</i> , 2010 , 104, 223903	7.4	71
56	Geometric potential and transport in photonic topological crystals. <i>Physical Review Letters</i> , 2010 , 104, 150403	7.4	61
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