

Demetrios Christodoulides

List of Publications by Year in descending order

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284
papers

43,873
citations

5268

83
h-index

1934

207
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286
all docs

286
docs citations

286
times ranked

10129
citing authors

#	ARTICLE	IF	CITATIONS
1	Multimode Mamyshev oscillator. <i>Optics Letters</i> , 2022, 47, 46.	3.3	25
2	Optical Thouless pumping transport and nonlinear switching in a topological low-dimensional discrete nematic liquid crystal array. <i>Physical Review A</i> , 2022, 105, .	2.5	6
3	Thermodynamic description of the near- and far-field intensity patterns emerging from multimode nonlinear waveguide arrays. <i>Physical Review A</i> , 2022, 105, .	2.5	8
4	Topological modes in a laser cavity through exceptional state transfer. <i>Science</i> , 2022, 375, 884-888.	12.6	30
5	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mi} \rangle K \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -space thermodynamic funneling of light via heat exchange. <i>Physical Review A</i> , 2022, 105, .	2.5	0
6	Thermalization of Light's Orbital Angular Momentum in Nonlinear Multimode Waveguide Systems. <i>Physical Review Letters</i> , 2022, 128, 123901.	7.8	12
7	Observation of Weyl exceptional rings in thermal diffusion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2110018119.	7.1	21
8	Observation of chiral state transfer without encircling an exceptional point. <i>Nature</i> , 2022, 605, 256-261.	27.8	34
9	Direct observations of thermalization to a Rayleigh's Jeans distribution in multimode optical fibres. <i>Nature Physics</i> , 2022, 18, 685-690.	16.7	50
10	Bimorphic Floquet topological insulators. <i>Nature Materials</i> , 2022, 21, 634-639.	27.5	30
11	Thermalization Dynamics of Nonlinear Non-Hermitian Optical Lattices. <i>Physical Review Letters</i> , 2022, 128, .	7.8	13
12	Linear response theory of open systems with exceptional points. <i>Nature Communications</i> , 2022, 13, .	12.8	13
13	Nonlinear multimode photonics: nonlinear optics with many degrees of freedom. <i>Optica</i> , 2022, 9, 824.	9.3	26
14	Branching High-Order Exceptional Points in Non-Hermitian Optical Systems. <i>Laser and Photonics Reviews</i> , 2022, 16, .	8.7	2
15	Establishing a rigorous relation between thermodynamic and electrodynamic pressures in highly multimoded nonlinear dielectric waveguides. , 2021, , .		0
16	Optical Thermalization in Highly Multimoded Integrated Nonlinear 2D Photonic Membrane Systems. , 2021, , .		0
17	Majorana Bound State Cavities. , 2021, , .		0
18	Gain-induced topological response via tailored long-range interactions. <i>Nature Physics</i> , 2021, 17, 704-709.	16.7	40

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19	Topological protection versus degree of entanglement of two-photon light in photonic topological insulators. Nature Communications, 2021, 12, 1974.	12.8	19
20	Fundamental entropic processes in the theory of optical thermodynamics. Physical Review A, 2021, 103, .	2.5	10
21	Nonlinear scattering by non-Hermitian multilayers with saturation effects. Physical Review E, 2021, 103, 052205.	2.1	2
22	Engineering interaction dynamics in active resonant photonic structures. APL Photonics, 2021, 6, 050804.	5.7	11
23	Weak beam self-cleaning of femtosecond pulses in the anomalous dispersion regime. Optics Letters, 2021, 46, 3312.	3.3	8
24	General theory and observation of Cherenkov radiation induced by multimode solitons. Communications Physics, 2021, 4, .	5.3	10
25	Room temperature electrically pumped topological insulator lasers. Nature Communications, 2021, 12, 3434.	12.8	30
26	Room temperature electrically pumped topological insulator laser based on quantum spin Hall effect. , 2021, , .		0
27	Thermalization of orbital angular momentum in highly multimoded nonlinear optical fibers. , 2021, , .		0
28	Towards a Common Path Photonic Emulator for Dynamically Encircling an Exceptional Point. , 2021, , .		0
29	Electrically Pumped Microring Parity-Time-Symmetric Lasers. Proceedings of the IEEE, 2020, 108, 827-836.	21.3	17
30	Synthesizing multi-dimensional excitation dynamics and localization transition in one-dimensional lattices. Nature Photonics, 2020, 14, 76-81.	31.4	35
31	The Complex Charge Paradigm: A New Approach for Designing Electromagnetic Wavepackets. Advanced Science, 2020, 7, 1903377.	11.2	17
32	Integrative quantitative-phase and airy light-sheet imaging. Scientific Reports, 2020, 10, 20150.	3.3	10
33	Entropic thermodynamics of nonlinear photonic chain networks. Communications Physics, 2020, 3, .	5.3	9
34	Flexible $\langle \mathbf{P} \cdot \mathbf{T} \rangle$ -Symmetric Optical Metasurfaces. Physical Review Applied, 2020, 13, .	3.8	8
35	Realizing spin Hamiltonians in nanoscale active photonic lattices. Nature Materials, 2020, 19, 725-731.	27.5	32
36	Mechanisms of spatiotemporal mode-locking. Nature Physics, 2020, 16, 565-570.	16.7	112

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37	Symmetry-controlled edge states in the type-II phase of Dirac photonic lattices. Nature Communications, 2020, 11, 2074.	12.8	13
38	Omnipolarizer Action via Encirclement of Exceptional Points. , 2020, , .		2
39	Topological Haldane Lattice. , 2020, , .		3
40	Statistical mechanics of weakly nonlinear optical multimode gases. Optics Letters, 2020, 45, 1651.	3.3	30
41	Non-Hermitian and topological photonics: optics at an exceptional point. Nanophotonics, 2020, 10, 403-423.	6.0	135
42	Optical thermodynamic properties of nonlinear topological Haldane lattices. , 2020, , .		0
43	Enhanced modulation characteristics in broken symmetric coupled microring lasers. Optics Express, 2020, 28, 19608.	3.4	6
44	Brightness Enhancement in Multimode Nonlinear Systems via Thermodynamic Optical Cooling. , 2020, , .		0
45	Electrically Pumped Topological Insulator Lasers. , 2020, , .		0
46	Optical Thermalization via Kerr Nonlinearity in Spatiotemporal Pulse Propagation. , 2020, , .		0
47	Optical Thermalization in Ultrashort Pulse Propagation in Multimode Fiber. , 2020, , .		2
48	Thermodynamic pressure emerging from highly multimoded nonlinear optical systems. , 2020, , .		0
49	Bimodal Directional Laser. , 2020, , .		0
50	Nanolaser-based emulators of spin Hamiltonians. Nanophotonics, 2020, 9, 4193-4198.	6.0	3
51	Thermodynamic theory of highly multimoded nonlinear optical systems. Nature Photonics, 2019, 13, 776-782.	31.4	85
52	Direct Generation of Tunable Orbital Angular Momentum Beams in Microring Lasers with Broadband Exceptional Points. ACS Photonics, 2019, 6, 1895-1901.	6.6	44
53	Asymmetric acoustic energy transport in non-Hermitian metamaterials. Journal of the Acoustical Society of America, 2019, 146, 863-872.	1.1	15
54	Robust propagation of pin-like optical beam through atmospheric turbulence. APL Photonics, 2019, 4, 076103.	5.7	42

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55	Experimental Observation of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi} \rangle P \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle T \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ Symmetry Breaking near Divergent Exceptional Points. Physical Review Letters, 2019, 123, 193901.	7.8	75
56	Tilted-Pulse-Front Space-Time Wave Packets. ACS Photonics, 2019, 6, 475-481.	6.6	19
57	Experimental observation of a photonic hook. Applied Physics Letters, 2019, 114, .	3.3	80
58	Transition between self-focusing and self-defocusing in a nonlocally nonlinear system. Physical Review A, 2019, 99, .	2.5	16
59	Sensing with Exceptional Surfaces in Order to Combine Sensitivity with Robustness. Physical Review Letters, 2019, 122, 153902.	7.8	141
60	Accelerated nonlinear interactions in graded-index multimode fibers. Nature Communications, 2019, 10, 1638.	12.8	58
61	The dawn of non-Hermitian optics. Communications Physics, 2019, 2, .	5.3	121
62	Supersymmetric laser arrays. Science, 2019, 363, 623-626.	12.6	78
63	2D Solitons in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi mathvariant="script"} \rangle P \langle \text{mml:mi} \rangle \langle \text{mml:mi mathvariant="script"} \rangle T \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ -Symmetric Photonic Lattices. Physical Review Letters, 2019, 123, 253903.	7.8	28
64	Non-Hermitian ring laser gyroscopes with enhanced Sagnac sensitivity. Nature, 2019, 576, 70-74.	27.8	183
65	Observation of twist-induced geometric phases and inhibition of optical tunneling via Aharonov-Bohm effects. Science Advances, 2019, 5, eaau8135.	10.3	16
66	A systematic analysis of parametric instabilities in nonlinear parabolic multimode fibers. APL Photonics, 2019, 4, .	5.7	30
67	Thermodynamic conditions governing the optical temperature and chemical potential in nonlinear highly multimoded photonic systems. Optics Letters, 2019, 44, 3936.	3.3	36
68	Airy beams and accelerating waves: an overview of recent advances. Optica, 2019, 6, 686.	9.3	326
69	Bosonic discrete supersymmetry for quasi-two-dimensional optical arrays. Photonics Research, 2019, 7, 1240.	7.0	7
70	Supersymmetric Laser Arrays. , 2019, , .		0
71	Bimodal Directional Laser via Dynamically Encircling an Exceptional Point. , 2019, , .		0
72	Power-law scaling of extreme dynamics near higher-order exceptional points. Physical Review A, 2018, 97, .	2.5	31

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73	Topological insulator laser: Theory. Science, 2018, 359, .	12.6	634
74	Topological insulator laser: Experiments. Science, 2018, 359, .	12.6	949
75	Multimode Nonlinear Fiber Optics: Massively Parallel Numerical Solver, Tutorial, and Outlook. IEEE Journal of Selected Topics in Quantum Electronics, 2018, 24, 1-16.	2.9	130
76	Non-Hermitian physics and PT symmetry. Nature Physics, 2018, 14, 11-19.	16.7	1,620
77	Edge-Mode Lasing in 1D Topological Active Arrays. Physical Review Letters, 2018, 120, 113901.	7.8	406
78	Winding around non-Hermitian singularities. Nature Communications, 2018, 9, 4808.	12.8	65
79	Unidirectional light emission in PT-symmetric microring lasers. Optics Express, 2018, 26, 27153.	3.4	41
80	Tunable Orbital Angular Momentum Microring Laser. , 2018, , .		2
81	Experimental Realization of Supersymmetric Laser. , 2018, , .		0
82	Controlling Disorder by Electric-Field-Directed Reconfiguration of Nanowires To Tune Random Lasing. ACS Nano, 2018, 12, 7343-7351.	14.6	12
83	Flying couplers above spinning resonators generate irreversible refraction. Nature, 2018, 558, 569-572.	27.8	167
84	Complex Edge-State Phase Transitions in 1D Topological Laser Arrays. , 2018, , .		7
85	Fluctuations and noise-limited sensing near the exceptional point of parity-time-symmetric resonator systems. Optica, 2018, 5, 1342.	9.3	80
86	Topological Insulator Laser. , 2018, , .		4
87	Experimental Realization of Magnetic-Free Topological Insulator Laser. , 2018, , .		0
88	Enhanced sensitivity in PT-symmetric coupled resonators. Proceedings of SPIE, 2017, , .	0.8	0
89	Dynamically Encircling Exceptional Points: Exact Evolution and Polarization State Conversion. Physical Review Letters, 2017, 118, 093002.	7.8	215
90	Design of broadband anti-reflective metasurfaces based on an effective medium approach. Proceedings of SPIE, 2017, , .	0.8	1

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91	Integrated multi-port circulators for unidirectional optical information transport. Scientific Reports, 2017, 7, 2129.	3.3	42
92	Spatiotemporal mode-locking in multimode fiber lasers. Science, 2017, 358, 94-97.	12.6	383
93	Topological Aharonov-Bohm suppression of optical tunneling in twisted nonlinear multicore fibers. Physical Review A, 2017, 96, .	2.5	11
94	Robustness and mode selectivity in parity-time (PT) symmetric lasers. Scientific Reports, 2017, 7, 10756.	3.3	18
95	Emergence of Type-II Dirac Points in Graphynelike Photonic Lattices. Physical Review Letters, 2017, 119, 113901.	7.8	41
96	Interferometric control of the photon-number distribution. APL Photonics, 2017, 2, .	5.7	10
97	Enhanced sensitivity at higher-order exceptional points. Nature, 2017, 548, 187-191.	27.8	1,115
98	Chiral state conversion without encircling an exceptional point. Physical Review A, 2017, 96, .	2.5	52
99	Statistical parity-time-symmetric lasing in an optical fibre network. Nature Communications, 2017, 8, 1359.	12.8	27
100	Instant and efficient second-harmonic generation and downconversion in unprepared graded-index multimode fibers. Optics Letters, 2017, 42, 3478.	3.3	19
101	Self-structuring of stable dissipative breathing vortex solitons in a colloidal nanosuspension. Optics Express, 2017, 25, 10090.	3.4	12
102	Versatile supercontinuum generation in parabolic multimode optical fibers. Optics Express, 2017, 25, 9078.	3.4	52
103	Experimental realization of exact mapping from multi-dimensional to planar micro-photonic lattices. , 2017, , .		0
104	Implementation of quantum discrete fractional Fourier transform. , 2017, , .		0
105	Single mode lasing in transversely multimoded PT-symmetric microring resonators. Laser and Photonics Reviews, 2016, 10, 494-499.	8.7	94
106	PT symmetry in a fractional Schrödinger equation. Laser and Photonics Reviews, 2016, 10, 526-531.	8.7	136
107	Nonlinear reversal of PT-symmetric phase transition in a system of coupled micro-ring cavities. Proceedings of SPIE, 2016, , .	0.8	0
108	Non-Hermitian engineering of single mode two dimensional laser arrays. Scientific Reports, 2016, 6, 33253.	3.3	45

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109	Non-Hermitian microring systems: PT-symmetric lasers, mode management and enhanced emission efficiency. , 2016, , .		0
110	Hanbury Brown and Twiss anticorrelation in disordered photonic lattices. Physical Review A, 2016, 94, .	2.5	5
111	Constant Intensity Supermodes in Non-Hermitian Lattices. IEEE Journal of Selected Topics in Quantum Electronics, 2016, 22, 42-47.	2.9	13
112	Guiding and nonlinear coupling of light in plasmonic nanosuspensions. Optics Letters, 2016, 41, 3817.	3.3	35
113	Kerr self-cleaning of femtosecond-pulsed beams in graded-index multimode fiber. Optics Letters, 2016, 41, 3675.	3.3	182
114	Self-organized instability in graded-index multimode fibres. Nature Photonics, 2016, 10, 771-776.	31.4	186
115	Observation of Parity-Time Symmetry in Optically Induced Atomic Lattices. Physical Review Letters, 2016, 117, 123601.	7.8	250
116	Twofold PT symmetry in doubly exponential optical lattices. Physical Review A, 2016, 93, .	2.5	16
117	Generalized Schrödinger cat states and their classical emulation. Physical Review A, 2016, 93, .	2.5	6
118	Integrable nonlinear parity-time-symmetric optical oscillator. Physical Review E, 2016, 93, 042219.	2.1	11
119	Dark-state lasers: mode management using exceptional points. Optics Letters, 2016, 41, 3049.	3.3	44
120	Implementation of quantum and classical discrete fractional Fourier transforms. Nature Communications, 2016, 7, 11027.	12.8	81
121	Passive PT-Symmetric Metasurfaces With Directional Field Scattering Characteristics. IEEE Journal of Selected Topics in Quantum Electronics, 2016, 22, 107-114.	2.9	3
122	Supermodes in Coupled Multi-Core Waveguide Structures. IEEE Journal of Selected Topics in Quantum Electronics, 2016, 22, 196-207.	2.9	51
123	Optical revivals in nonuniform supersymmetric photonic arrays. Optics Letters, 2016, 41, 372.	3.3	8
124	Design Considerations for Single-Mode Microring Lasers Using Parity-Time Symmetry. IEEE Journal of Selected Topics in Quantum Electronics, 2016, 22, 1-7.	2.9	6
125	Linear modulational stability analysis of Ginzburg-Landau dissipative vortices. Optical and Quantum Electronics, 2016, 48, 1.	3.3	2
126	Design Considerations for Single-Mode Microring Lasers Using Parity-Time-Symmetry. IEEE Journal of Selected Topics in Quantum Electronics, 2016, 22, 12-18.	2.9	15

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127	Dynamics of accelerating Bessel solutions of Maxwell's equations. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2016, 33, 2047.	1.5	7
128	Guiding and Coupling Light through Nonlinear Plasmonic Nanosuspensions. , 2016, , .		0
129	Probing the scattering characteristics of supersymmetric photonic structures. , 2016, , .		0
130	Supersymmetric laser arrays. Physical Review A, 2015, 92, .	2.5	56
131	Nonlinear reversal of the PT -symmetric phase transition in a system of coupled semiconductor microring resonators. Physical Review A, 2015, 92, .	2.5	99
132	Ultrabroadband Dispersive Radiation by Spatiotemporal Oscillation of Multimode Waves. Physical Review Letters, 2015, 115, 223902.	7.8	158
133	Observation of Bloch oscillations in complex PT -symmetric photonic lattices. Scientific Reports, 2015, 5, 17760.	3.3	104
134	Supersymmetry and transformation optics on the line. , 2015, , .		0
135	Quantum optics as a tool for photonic lattice design. Physica Scripta, 2015, 90, 068014.	2.5	16
136	Supersymmetric mode converters. Proceedings of SPIE, 2015, , .	0.8	0
137	Supersymmetric photonics: From mode converters to a new class of transformation optics. , 2015, , .		0
138	Laser-assisted guiding of electric discharges around objects. Science Advances, 2015, 1, e1400111.	10.3	110
139	Curved singular beams for three-dimensional particle manipulation. Scientific Reports, 2015, 5, 12086.	3.3	107
140	Observation of optical solitons in PT -symmetric lattices. Nature Communications, 2015, 6, 7782.	12.8	218
141	Constant-intensity waves and their modulation instability in non-Hermitian potentials. Nature Communications, 2015, 6, 7257.	12.8	105
142	Controllable spatiotemporal nonlinear effects in multimode fibres. Nature Photonics, 2015, 9, 306-310.	31.4	322
143	High-density waveguide superlattices with low crosstalk. Nature Communications, 2015, 6, 7027.	12.8	116
144	Spatiotemporal dynamics of multimode optical solitons. Optics Express, 2015, 23, 3492.	3.4	168

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145	Supersymmetric photonics: Mode conversion, scattering and transformation optics. , 2015, , .		0
146	Supersymmetric Laser Arrays. , 2015, , .		0
147	Implementation of Quantum and Classical Discrete Fractional Fourier Transforms. , 2015, , .		1
148	Observation of supersymmetric dynamics in photonic lattices. , 2014, , .		0
149	SUSY-inspired one-dimensional transformation optics. Optica, 2014, 1, 89.	9.3	76
150	A squeeze-like operator approach to position-dependent mass in quantum mechanics. Journal of Mathematical Physics, 2014, 55, .	1.1	5
151	Dielectric and metallic nanosuspensions with tunable optical nonlinearities. , 2014, , .		0
152	Highly Efficient Eigenstate-Assisted Long-Distance Quantum State Transfer in Photonic Lattices. , 2014, , .		0
153	Observation of supersymmetric scattering in photonic lattices. Optics Letters, 2014, 39, 6130.	3.3	43
154	Gain- or loss-induced localization in one-dimensional PT -symmetric tight-binding models. Physical Review A, 2014, 89, .	2.5	30
155	Light transport in PT -invariant photonic structures with hidden symmetries. Physical Review A, 2014, 90, .	2.5	58
156	Propagation and perfect transmission in three-waveguide axially varying couplers. Physical Review A, 2014, 89, .	2.5	14
157	PT symmetry in optics and photonics. Proceedings of SPIE, 2014, , .	0.8	3
158	Supersymmetric optical waveguides. Proceedings of SPIE, 2014, , .	0.8	0
159	Externally refuelled optical filaments. Nature Photonics, 2014, 8, 297-301.	31.4	97
160	Supersymmetric mode converters. Nature Communications, 2014, 5, 3698.	12.8	143
161	Continuous and discrete Schrödinger systems with parity-time-symmetric nonlinearities. Physical Review E, 2014, 89, 052918.	2.1	117
162	Parity-time-symmetric microring lasers. Science, 2014, 346, 975-978.	12.6	1,262

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163	Plasmonic Resonant Solitons in Metallic Nanosuspensions. Nano Letters, 2014, 14, 2498-2504.	9.1	67
164	On-chip generation of high-order single-photon W-states. Nature Photonics, 2014, 8, 791-795.	31.4	109
165	Conductive Coupling of Split Ring Resonators: A Path to THz Metamaterials with Ultrasharp Resonances. Physical Review Letters, 2014, 112, 183903.	7.8	93
166	Airy plasmons: non-diffracting optical surface waves. Laser and Photonics Reviews, 2014, 8, 221-232.	8.7	62
167	PT symmetry in optics. , 2014, , .		0
168	Supersymmetric mode converters. , 2014, , .		2
169	Beyond P T-symmetry: SUSY-mediated real spectra in complex refractive index landscapes. , 2014, , .		1
170	Observation of Asymmetric Transport in Structures with Active Nonlinearities. Physical Review Letters, 2013, 110, 234101.	7.8	262
171	PT -symmetric optical potentials in a coherent atomic medium. Physical Review A, 2013, 88, .	2.5	86
172	Optical diametric drive acceleration through action-reaction symmetry breaking. Nature Physics, 2013, 9, 780-784.	16.7	83
173	Optical Nonlinearities and Enhanced Light Transmission in Soft-Matter Systems with Tunable Polarizabilities. Physical Review Letters, 2013, 111, 218302.	7.8	80
174	Taming the flow of light via Parity-Time Symmetry. , 2013, , .		0
175	Anderson localization of light. Nature Photonics, 2013, 7, 197-204.	31.4	589
176	Supersymmetry-generated complex optical potentials with real spectra. Physical Review A, 2013, 87, .	2.5	113
177	Einstein-Podolsky-Rosen Spatial Entanglement in Ordered and Anderson Photonic Lattices. Physical Review Letters, 2013, 110, 150503.	7.8	67
178	Supersymmetric Optical Structures. Physical Review Letters, 2013, 110, 233902.	7.8	154
179	Coherent quantum transport in photonic lattices. Physical Review A, 2013, 87, .	2.5	146
180	Perfect transfer of path-entangled photons in Jx photonic lattices. Physical Review A, 2013, 87, .	2.5	55

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181	Evolution dynamics of Helmholtz Bessel beams. , 2013, , .		0
182	Discrete-like diffraction dynamics in free space. Optics Express, 2013, 21, 17951.	3.4	14
183	Observation of anomalous diffusion in a 1D optical random dimer. , 2013, , .		0
184	Generating photon-encoded W states in multiport waveguide-array systems. Physical Review A, 2013, 87, .	2.5	48
185	SUSY fibers for integrated optical angular momentum multiplexing. , 2013, , .		0
186	Diffraction resisting zero-order Bessel-like and higher-order vortex Bessel-like beams with arbitrary trajectories. , 2013, , .		0
187	Complex beam dynamics in PT-symmetric optical lattices. , 2013, , .		0
188	On-chip non-reciprocal optical devices based on quantum inspired photonic lattices. Applied Physics Letters, 2013, 103, .	3.3	41
189	Observation of self-accelerating Bessel-like optical beams along arbitrary trajectories. Optics Letters, 2013, 38, 498.	3.3	111
190	Evolution dynamics of vectorial Bessel beams. , 2013, , .		0
191	Large area single-mode parity-time-symmetric laser amplifiers. Optics Letters, 2012, 37, 764.	3.3	156
192	Abruptly autofocusing and autodefocusing optical beams with arbitrary caustics. Physical Review A, 2012, 85, .	2.5	112
193	Tailoring the correlation and anticorrelation behavior of path-entangled photons in Glauber-Fock oscillator lattices. Physical Review A, 2012, 85, .	2.5	38
194	Fully Vectorial Accelerating Diffraction-Free Helmholtz Beams. Physical Review Letters, 2012, 109, 203902.	7.8	144
195	Localized waves with spherical harmonic symmetries. Physical Review A, 2012, 86, .	2.5	10
196	Bragg solitons in nonlinear PT -symmetric periodic potentials. Physical Review A, 2012, 86, .	2.5	95
197	Fixed-point attractor for chirp in nonlinear waveguide arrays. Physical Review A, 2012, 85, .	2.5	4
198	Optical mesh lattices with PT -symmetry. Physical Review A, 2012, 86, .	2.5	97

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199	Optical spatial solitons: historical overview and recent advances. Reports on Progress in Physics, 2012, 75, 086401.	20.1	359
200	Local $\langle \text{PT} \rangle$ invariance and supersymmetric parametric oscillators. Physical Review A, 2012, 86, .	2.5	34
201	Parity-time synthetic photonic lattices. Nature, 2012, 488, 167-171.	27.8	1,589
202	Exceptional-point dynamics in photonic honeycomb lattices with PT symmetry. Physical Review A, 2012, 85, .	2.5	90
203	PT-Symmetric Talbot Effects. Physical Review Letters, 2012, 109, 033902.	7.8	154
204	Anderson localization and colocalization of spatially entangled photons. Physical Review A, 2012, 86, .	2.5	35
205	Self-Accelerating Self-Trapped Optical Beams. Physical Review Letters, 2011, 106, 213903.	7.8	221
206	Unidirectional Invisibility Induced by $\langle P \rangle$ -Symmetric Periodic Structures. Physical Review Letters, 2011, 106, 213901.	7.8	1,496
207	Anderson localization in optical waveguide arrays with off-diagonal coupling disorder. Optics Express, 2011, 19, 13636.	3.4	169
208	Causality effects on accelerating light pulses. Optics Express, 2011, 19, 23132.	3.4	61
209	Observation of abruptly autofocusing waves. Optics Letters, 2011, 36, 1842.	3.3	390
210	Trapping and guiding microparticles with morphing autofocusing Airy beams. Optics Letters, 2011, 36, 2883.	3.3	551
211	Optical diodes in nonlinear structures with parity-time symmetries. Proceedings of SPIE, 2011, , .	0.8	3
212	$\langle \text{PT} \rangle$ -Symmetric Periodic Optical Potentials. International Journal of Theoretical Physics, 2011, 50, 1019-1041.	1.2	152
213	All-optical routing and switching for three-dimensional photonic circuitry. Scientific Reports, 2011, 1, 94.	3.3	66
214	Hanbury Brown and Twiss correlations of Anderson localized waves. Physical Review A, 2011, 84, .	2.5	46
215	Discrete beam acceleration in uniform waveguide arrays. Physical Review A, 2011, 84, .	2.5	30
216	Displaced Fock states and photon correlations in Glauber-Fock photonic lattices. , 2011, , .		0

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217	Continuous wave second harmonic generation in ultra-compact AlGaAs photonic wire waveguides. , 2010, , .		0
218	Airyâ€Bessel wave packets as versatile linear light bullets. Nature Photonics, 2010, 4, 103-106.	31.4	585
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