Lluis Torner

List of Publications by Year
in descending order

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428 papers	19,914 citations	13865 67 h-index	16650 123 g-index
433 all docs	433 docs citations	433 times ranked	6220 citing authors

#	Article	IF	Citations
1	Observation of Edge Solitons in Topological Trimer Arrays. Physical Review Letters, 2022, 128, 093901.	7.8	41
2	Floquet Edge Multicolor Solitons. Laser and Photonics Reviews, 2022, 16, 2100398.	8.7	8
3	Surface bound states in the continuum in Dyakonov structures. Physical Review B, 2022, 105, .	3.2	5
4	Spinor-induced instability of kinks, holes and quantum droplets. New Journal of Physics, 2022, 24, 073012.	2.9	14
5	Observation of nonlinear corner states in a higher-order photonic topological insulator. , 2021, , .		1
6	Reversible Self-Replication of Spatiotemporal Kerr Cavity Patterns. Physical Review Letters, 2021, 126, 063903.	7.8	7
7	Unidirectional guided resonances in anisotropic waveguides. Optics Letters, 2021, 46, 2545.	3.3	7
8	Topological dipole Floquet solitons. Physical Review A, 2021, 103, .	2.5	36
9	Nonlinear corner states observed in Kagome higher-order photonic topological insulators. , 2021, , .		0
10	Bound States in the Continuum and Unidirectional Guided Resonances in Anisotropic Structures with Multiple Radiation Channels. , 2021, , .		0
11	Nonlinear second-order photonic topological insulators. Nature Physics, 2021, 17, 995-1000.	16.7	117
12	Slow light mediated by mode topological transitions in hyperbolic waveguides. Optics Letters, 2021, 46, 58.	3.3	5
13	Multifrequency Solitons in Commensurate-Incommensurate Photonic MoirÃ© Lattices. Physical Review Letters, 2021, 127, 163902.	7.8	35
14	First realization of a nonlinearity-induced topological insulator. , 2021, , .		0
15	Localization and delocalization of light in photonic moirÃ© lattices. Nature, 2020, 577, 42-46.	27.8	253
16	Vector Topological Edge Solitons in Floquet Insulators. ACS Photonics, 2020, 7, 735-745.	6.6	43
17	Spiraling vortices in exciton-polariton condensates. Physical Review B, 2020, 102, .	3.2	4
18	Optical soliton formation controlled by angle twisting in photonic moirÃ© lattices. Nature Photonics, 2020, 14, 663-668.	31.4	129

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19	Nonlinearity-induced photonic topological insulator. Science, 2020, 370, 701-704.	12.6	157
20	Multidimensional hybrid Bose-Einstein condensates stabilized by lower-dimensional spin-orbit coupling. Physical Review Research, 2020, 2, .	3.6	18
21	Structured heterosymmetric quantum droplets. Physical Review Research, 2020, 2, .	3.6	16
22	Nonlinear higher-order polariton topological insulator. Optics Letters, 2020, 45, 4710.	3.3	20
23	Demonstration of a nonlinearity induced photonic topological insulator. , 2020, , .		1
24	Conformal transformation of Dyakonov surface waves into bound states of cylindrical metamaterials. Physical Review B, 2019, 100, .	3.2	6
25	Robust Ultrashort Light Bullets in Strongly Twisted Waveguide Arrays. Physical Review Letters, 2019, 123, 133902.	7.8	28
26	Metastability of Quantum Droplet Clusters. Physical Review Letters, 2019, 122, 193902.	7.8	64
27	Frontiers in multidimensional self-trapping of nonlinear fields and matter. Nature Reviews Physics, 2019, 1, 185-197.	26.6	255
28	Existence Loci of Bound States in the Continuum in the Parameter Space of Anisotropic Planar Structures. , 2019, , .		0
29	Transition from Dirac points to exceptional points in anisotropic waveguides. Physical Review Research, 2019, 1, .	3.6	7
30	Angular control of anisotropy-induced bound states in the continuum. Optics Letters, 2019, 44, 5362.	3.3	16
31	Lieb polariton topological insulators. Physical Review B, 2018, 97, .	3.2	56
32	Topological properties of bound states in the continuum in geometries with broken anisotropy symmetry. Physical Review A, 2018, 98, .	2.5	27
33	Topological edge states in Rashba-Dresselhaus spin-orbit-coupled atoms in a Zeeman lattice. Physical Review A, 2018, 98, .	2.5	12
34	Inhibition of tunneling and edge state control in polariton topological insulators. APL Photonics, 2018, 3, 120801.	5.7	11
35	Clusters of Cavity Solitons Bounded by Conical Radiation. Physical Review Letters, 2018, 121, 103903.	7.8	12
36	Bound states in the continuum in a two-dimensional PT-symmetric system. Optics Letters, 2018, 43, 575.	3.3	20

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37	Cavity solitons in a microring dimer with gain and loss. Optics Letters, 2018, 43, 979.	3.3	9
38	Resonant Edgeâ€State Switching in Polariton Topological Insulators. Laser and Photonics Reviews, 2018, 12, 1700348.	8.7	24
39	Three-dimensional droplets of swirling superfluids. Physical Review A, 2018, 98, .	2.5	94
40	Anisotropy-induced photonic bound states in the continuum. Nature Photonics, 2017, 11, 232-236.	31.4	138
41	Bound states in the continuum in spin-orbit-coupled atomic systems. Physical Review A, 2017, 96, .	2.5	15
42	Rotating vortex clusters in media with inhomogeneous defocusing nonlinearity. Optics Letters, 2017, 42, 446.	3.3	34
43	Three-dimensional topological solitons in PT-symmetric optical lattices. Optica, 2016, 3, 1048.	9.3	42
44	Dynamic localization in optical and Zeeman lattices in the presence of spin-orbit coupling. Physical Review A, 2016, 94, .	2.5	12
45	On multidimensional solitons and their legacy in contemporary Atomic, Molecular and Optical physics. Journal of Physics B: Atomic, Molecular and Optical Physics, 2016, 49, 170502.	1.5	97
46	Suppression and restoration of disorderâ€induced light localization mediated by â€symmetry breaking. Laser and Photonics Reviews, 2016, 10, 100-107.	8.7	14
47	Diffraction control in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="script">P</mml:mi><mml:mi mathvariant="script">T</mml:mi></mml:mrow></mml:math>-symmetric photonic lattices: From beam rectification to dynamic localization. Physical Review A, 2016, 93, .	2.5	26
48	Bloch Oscillations in Optical and Zeeman Lattices in the Presence of Spin-Orbit Coupling. Physical Review Letters, 2016, 117, 215301.	7.8	50
49	Localization-delocalization wavepacket transition in Pythagorean aperiodic potentials. Scientific Reports, 2016, 6, 32546.	3.3	51
50	Asymmetric soliton mobility in competing linearâ€“nonlinear parity-time-symmetric lattices. Optics Letters, 2016, 41, 4348.	3.3	8
51	Topological solitons in partially-PT-symmetric potentials. , 2016, , .		0
52	Topological States in Partially-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi mathvariant="script">PT</mml:mi></mml:mrow></mml:math>-Symmetric Azimuthal Potentials. Physical Review Letters, 2015, 115, 193902.	7.8	51
53	Dynamic versus Anderson wave-packet localization. Physical Review A, 2015, 91, .	2.5	4
54	Self-deflecting plasmonic lattice solitons and surface modes in chirped plasmonic arrays. Optics Letters, 2015, 40, 898.	3.3	8

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55	Stabilization of spatiotemporal solitons in Kerr media by dispersive coupling. Optics Letters, 2015, 40, 1045.	3.3	52
56	Resonant Bloch-wave beatings. Optics Letters, 2014, 39, 3826.	3.3	0
57	Observation of asymmetric solitons in waveguide arrays with refractive index gradient. Optics Letters, 2014, 39, 3694.	3.3	0
58	Unbreakable PT symmetry of solitons supported by inhomogeneous defocusing nonlinearity. Optics Letters, 2014, 39, 5641.	3.3	49
59	Enhancement and inhibition of light tunneling mediated by resonant mode conversion. Optics Letters, 2014, 39, 933.	3.3	5
60	Twisted Toroidal Vortex Solitons in Inhomogeneous Media with Repulsive Nonlinearity. Physical Review Letters, 2014, 113, 264101.	7.8	81
61	Soliton Gyroscopes in Media with Spatially Growing Repulsive Nonlinearity. Physical Review Letters, 2014, 112, 020404.	7.8	72
62	Three-dimensional hybrid vortex solitons. New Journal of Physics, 2014, 16, 063035.	2.9	47
63	Lossless directional guiding of light in dielectric nanosheets using Dyakonov surface waves. Nature Nanotechnology, 2014, 9, 419-424.	31.5	86
64	Spatial light rectification in an optical waveguide lattice. Europhysics Letters, 2013, 101, 44002.	2.0	18
65	Anderson localization of light with topological dislocations. Physical Review A, 2013, 88, .	2.5	12
66	Hybrid Blochâ€“Anderson localization of light. Optics Letters, 2013, 38, 1488.	3.3	18
67	Tunneling inhibition for subwavelength light. Optics Letters, 2013, 38, 2846.	3.3	6
68	Light scattering in disordered honeycomb photonic lattices near the Dirac points. Optics Letters, 2013, 38, 3727.	3.3	7
69	Rotation-managed dissipative solitons. Optics Letters, 2013, 38, 2317.	3.3	1
70	Light dynamics in materials with radially inhomogeneous thermal conductivity. Optics Letters, 2013, 38, 4417.	3.3	1
71	Generation of arbitrary complex quasi-non-diffracting optical patterns. Optics Express, 2013, 21, 22221.	3.4	20
72	Solitons in spiraling Vogel lattices. Optics Letters, 2013, 38, 190.	3.3	6

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73	Dynamics of topological light states in spiraling structures. Optics Letters, 2013, 38, 3414.	3.3	24
74	Tunable ultrafast nonlinear optofluidic coupler. EPJ Web of Conferences, 2013, 41, 12010.	0.3	1
75	Light localization in nonuniformly randomized lattices. Optics Letters, 2012, 37, 286.	3.3	20
76	Tunable ultrafast nonlinear optofluidic coupler. Optics Letters, 2012, 37, 1058.	3.3	39
77	Practical dyakonons. Optics Letters, 2012, 37, 4311.	3.3	54
78	Anderson localization in Bragg-guiding arrays with negative defects. Optics Letters, 2012, 37, 4020.	3.3	5
79	Solitons supported by spatially inhomogeneous nonlinear losses. Optics Express, 2012, 20, 2657.	3.4	35
80	Observation of the gradual transition from one-dimensional to two-dimensional Anderson localization. Optics Letters, 2012, 37, 593.	3.3	19
81	Anderson cross-localization. Optics Letters, 2012, 37, 1715.	3.3	28
82	Spatial solitons in optofluidic waveguide arrays with focusing ultrafast Kerr nonlinearity. Optics Letters, 2012, 37, 2454.	3.3	19
83	Asymmetric solitons and domain walls supported by inhomogeneous defocusing nonlinearity. Optics Letters, 2012, 37, 5000.	3.3	15
84	Characterization of dielectric spheres by spiral imaging. Optics Letters, 2012, 37, 869.	3.3	21
85	Stable bright and vortex solitons in photonic crystal fibers with inhomogeneous defocusing nonlinearity. Optics Letters, 2012, 37, 1799.	3.3	26
86	Compactons and bistability in exciton-polariton condensates. Physical Review B, 2012, 86, .	3.2	9
87	Stable vortex-soliton tori with multiple nested phase singularities in dissipative media. Physical Review A, 2012, 85, .	2.5	13
88	Topological light bullets supported by spatiotemporal gain. Physical Review A, 2012, 85, .	2.5	4
89	Coupling plasmons and dyakonons. Optics Letters, 2012, 37, 1983.	3.3	16
90	Soliton generation by counteracting gain-guiding and self-bending. Optics Letters, 2012, 37, 4540.	3.3	6

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91	Three-dimensional light bullets. Proceedings of SPIE, 2012, , .	0.8	0
92	Bright solitons from defocusing nonlinearities. Physical Review E, 2011, 84, 035602.	2.1	109
93	Publisherâ€™s Note: Solitons in nonlinear lattices [Rev. Mod. Phys.83, 247 (2011)]. Reviews of Modern Physics, 2011, 83, 405-405.	45.6	17
94	Dyakonov surface wave resonant transmission. Optics Express, 2011, 19, 6339.	3.4	14
95	Stripe-like quasi-nondiffracting optical lattices. Optics Express, 2011, 19, 9505.	3.4	7
96	Stable radially symmetric and azimuthally modulated vortex solitons supported by localized gain. Optics Letters, 2011, 36, 85.	3.3	48
97	Disorder-induced soliton transmission in nonlinear photonic lattices. Optics Letters, 2011, 36, 466.	3.3	10
98	Rotating vortex solitons supported by localized gain. Optics Letters, 2011, 36, 1936.	3.3	23
99	General quasi-nonspreading linear three-dimensional wave packets. Optics Letters, 2011, 36, 2176.	3.3	10
100	Algebraic bright and vortex solitons in defocusing media. Optics Letters, 2011, 36, 3088.	3.3	82
101	Solitons in geometric potentials. Optics Letters, 2011, 36, 3470.	3.3	8
102	Vortex twins and anti-twins supported by multiring gain landscapes. Optics Letters, 2011, 36, 3783.	3.3	15
103	Negative Goosâ€“HÃnchen shift in periodic media. Optics Letters, 2011, 36, 4446.	3.3	11
104	Self-trapping and splitting of bright vector solitons under inhomogeneous defocusing nonlinearities. Optics Letters, 2011, 36, 4587.	3.3	34
105	Solitons in nonlinear lattices. Reviews of Modern Physics, 2011, 83, 247-305.	45.6	740
106	Evolution dynamics of discrete-continuous light bullets. Physical Review A, 2011, 84, .	2.5	39
107	Dynamics of Light Bullets in two-dimensional arrays of waveguides. , 2011, , .		0
108	Stable fundamental and vortex solitons supported by localized gain. , 2011, , .		0

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109	Spectral tunneling of lattice nonlocal solitons. Physical Review A, 2010, 82, .	2.5	2
110	Nonlinearity-mediated soliton ejection from trapping potentials in nonlocal media. Physical Review A, 2010, 82, .	2.5	5
111	Stabilization of two-dimensional solitons in cubic-saturable nonlinear lattices. Physical Review A, 2010, 81, .	2.5	18
112	Light Bullets by Synthetic Diffraction-Dispersion Matching. Physical Review Letters, 2010, 105, 033901.	7.8	26
113	Method to Generate Complex Quasinondiffracting Optical Lattices. Physical Review Letters, 2010, 105, 013902.	7.8	43
114	Twin-vortex solitons in nonlocal nonlinear media. Optics Letters, 2010, 35, 628.	3.3	46
115	Wave localization at the boundary of disordered photonic lattices. Optics Letters, 2010, 35, 1172.	3.3	95
116	Dissipative defect modes in periodic structures. Optics Letters, 2010, 35, 1638.	3.3	49
117	Vortex lattice solitons supported by localized gain. Optics Letters, 2010, 35, 3177.	3.3	15
118	Bloch-wave packet control in truncated modulated optical lattices. Optics Letters, 2010, 35, 4220.	3.3	0
119	Nondiffracting Light On-Demand. Optics and Photonics News, 2010, 21, 43.	0.5	2
120	Three-Dimensional Light Bullets in Arrays of Waveguides. Physical Review Letters, 2010, 105, 263901.	7.8	206
121	Stabilization of higher-order vortices and multihump solitons in media with synthetic nonlocal nonlinearities. Physical Review A, 2009, 79, .	2.5	32
122	Solitons in optical lattices with spatially modulated nonlinearity. , 2009, , .		0
123	Observation of two-dimensional coherent surface vector solitons in femtosecond laser-written waveguide arrays. , 2009, , .		0
124	Inhibition of Light Tunneling in Waveguide Arrays. Physical Review Letters, 2009, 102, 153901.	7.8	115
125	Stabilization of multibeam necklace solitons in circular arrays with spatially modulated nonlinearity. Physical Review A, 2009, 80, .	2.5	32
126	Soliton Excitation in Waveguide Arrays with an Effective Intermediate Dimensionality. Physical Review Letters, 2009, 102, 063902.	7.8	11

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127	Observation of discrete-continuous optical bullets. , 2009, , .		0
128	Observation of Dyakonov Surface Waves. , 2009, , .		0
129	Spatio-temporal light propagation in complex two-dimensional waveguide lattices. , 2009, , .		0
130	Solitons in complex optical lattices. European Physical Journal: Special Topics, 2009, 173, 87-105.	2.6	20
131	Multipole surface solitons in thermal media. Optics Letters, 2009, 34, 283.	3.3	30
132	Two-dimensional solitons in nonlinear lattices. Optics Letters, 2009, 34, 770.	3.3	83
133	Observation of two-dimensional defect surface solitons. Optics Letters, 2009, 34, 797.	3.3	43
134	Light bullets in optical tandems. Optics Letters, 2009, 34, 1129.	3.3	33
135	Parametric amplification of random lattice soliton swinging. Optics Letters, 2009, 34, 1354.	3.3	0
136	Engineering soliton nonlinearities: from local to strongly nonlocal. Optics Letters, 2009, 34, 1543.	3.3	10
137	Observation of two-dimensional coherent surface vector lattice solitons. Optics Letters, 2009, 34, 1624.	3.3	10
138	Walking-vector-soliton caging and releasing. Optics Letters, 2009, 34, 1705.	3.3	2
139	Power-dependent soliton steering in thermal nonlinear media. Optics Letters, 2009, 34, 2658.	3.3	14
140	Nonlinearity-induced broadening of resonances in dynamically modulated couplers. Optics Letters, 2009, 34, 2700.	3.3	33
141	Light tunneling inhibition and anisotropic diffraction engineering in two-dimensional waveguide arrays. Optics Letters, 2009, 34, 2906.	3.3	57
142	Vector solitons in nonlinear lattices. Optics Letters, 2009, 34, 3625.	3.3	46
143	Observation of two-dimensional superlattice solitons. Optics Letters, 2009, 34, 3701.	3.3	20
144	Polarization conversion spectroscopy of hybrid modes. Optics Letters, 2009, 34, 3911.	3.3	8

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145	Dyakonov Surface Waves. Optics and Photonics News, 2009, 20, 25.	0.5	7
146	Light bullets in Bessel optical lattices with spatially modulated nonlinearity. Optics Express, 2009, 17, 11328.	3.4	34
147	Two-dimensional solitons at interfaces between binary superlattices and homogeneous lattices. Physical Review A, 2009, 80, .	2.5	15
148	Soliton Shape and Mobility Control in Optical Lattices. Progress in Optics, 2009, , 63-148.	0.6	198
149	Observation of Dyakonov Surface Waves. Physical Review Letters, 2009, 102, 043903.	7.8	152
150	Ultrabroadband Biphotons Generated via Chirped Quasi-Phase-Matched Optical Parametric Down-Conversion. Physical Review Letters, 2008, 100, 183601.	7.8	196
151	Highly asymmetric soliton complexes in parabolic optical lattices. Optics Letters, 2008, 33, 141.	3.3	21
152	Optical surface waves supported and controlled by thermal waves. Optics Letters, 2008, 33, 506.	3.3	7
153	Observation of two-dimensional lattice interface solitons. Optics Letters, 2008, 33, 663.	3.3	47
154	Surface lattice solitons in diffusive nonlinear media. Optics Letters, 2008, 33, 773.	3.3	15
155	Surface solitons at interfaces of arrays with spatially modulated nonlinearity. Optics Letters, 2008, 33, 1120.	3.3	24
156	Observation of surface solitons in chirped waveguide arrays. Optics Letters, 2008, 33, 1132.	3.3	28
157	Bragg guiding of domainlike nonlinear modes and kink arrays in lower-index core structures. Optics Letters, 2008, 33, 1288.	3.3	12
158	Angular surface solitons in sectorial hexagonal arrays. Optics Letters, 2008, 33, 1542.	3.3	17
159	Soliton modes, stability, and drift in optical lattices with spatially modulated nonlinearity. Optics Letters, 2008, 33, 1747.	3.3	65
160	Nonlinear photonic crystals near the supercollimation point. Optics Letters, 2008, 33, 1762.	3.3	8
161	Propagation of solitons in thermal media with periodic nonlinearity. Optics Letters, 2008, 33, 1774.	3.3	22
162	Power-dependent shaping of vortex solitons in optical lattices with spatially modulated nonlinear refractive index. Optics Letters, 2008, 33, 2173.	3.3	40

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163	Gap solitons on a ring. Optics Letters, 2008, 33, 2949.	3.3	8
164	Generating Ultra-Broadband Biphotons via Chirped QPM Down-conversion. Optics and Photonics News, 2008, 19, 36.	0.5	6
165	Dyakonov Surface Waves: A Review. Electromagnetics, 2008, 28, 126-145.	0.7	149
166	Nonlinear surface modes in annular waveguides. , 2008, , .		0
167	Spatially localized modes in two-dimensional chirped photonic lattices. Physical Review A, 2008, 77, .	2.5	12
168	Nonlocal surface dipoles and vortices. Physical Review A, 2008, 77, .	2.5	44
169	Stabilization of dipole solitons in nonlocal nonlinear media. Physical Review A, 2008, 77, .	2.5	42
170	Brownian soliton motion. Physical Review A, 2008, 77, .	2.5	20
171	Nonlinear switching of low-index defect modes in photonic lattices. Physical Review A, 2008, 78, .	2.5	19
172	Publisherâ€™s Note: Ultrabroadband Biphotons Generated via Chirped Quasi-Phase-Matched Optical Parametric Down-Conversion [Phys. Rev. Lett.100, 183601 (2008)]. Physical Review Letters, 2008, 100, .	7.8	2
173	Soliton attraction by the edge of chirped optical lattice. , 2007, , .		0
174	Publisher's Note: Asymmetric matter-wave solitons at nonlinear interfaces [Phys. Rev. A74, 063616 (2006)]. Physical Review A, 2007, 75, .	2.5	0
175	Guiding-center solitons in rotating potentials. Physical Review A, 2007, 75, .	2.5	23
176	Enhanced soliton interactions by inhomogeneous nonlocality and nonlinearity. Physical Review A, 2007, 76, .	2.5	25
177	Dynamics of surface solitons at the edge of chirped optical lattices. Physical Review A, 2007, 76, .	2.5	31
178	Stable optical kinks at the edge of harmonic photonic lattice. , 2007, , .		0
179	Solitons phenomena in highly nonlocal media: From soliton wiring and surface solitons to random-phase solitons and controlling solitons from afar. Conference Proceedings - Lasers and Electro-Optics Society Annual Meeting-LEOS, 2007, , .	0.0	0
180	Vector soliton fission by reflection at nonlinear interfaces. Optics Letters, 2007, 32, 394.	3.3	16

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181	Gray spatial solitons in nonlocal nonlinear media. Optics Letters, 2007, 32, 946.	3.3	59
182	Observation of higher-order solitons in defocusing waveguide arrays. Optics Letters, 2007, 32, 1950.	3.3	23
183	Soliton emission in amplifying lattice surfaces. Optics Letters, 2007, 32, 2061.	3.3	14
184	Surface waves in defocusing thermal media. Optics Letters, 2007, 32, 2260.	3.3	39
185	Surface solitons in chirped photonic lattices. Optics Letters, 2007, 32, 2668.	3.3	31
186	Rotating surface solitons. Optics Letters, 2007, 32, 2948.	3.3	19
187	Two-Dimensional Surface Lattice Solitons. Optics and Photonics News, 2007, 18, 42.	0.5	0
188	Stability of vortex solitons in thermal nonlinear media with cylindrical symmetry. Optics Express, 2007, 15, 9378.	3.4	76
189	Soliton percolation in random optical lattices. Optics Express, 2007, 15, 12409.	3.4	14
190	Ring surface waves in thermal nonlinear media. Optics Express, 2007, 15, 16216.	3.4	25
191	Lost writing uncovered by laser two-photon fluorescence provides a terminus post quem for Roman colonization of Hispania Citerior. Journal of Archaeological Science, 2007, 34, 1594-1600.	2.4	20
192	Resonant Mode Oscillations in Modulated Waveguiding Structures. Physical Review Letters, 2007, 99, 233903.	7.8	54
193	Observation of Two-Dimensional Surface Solitons in Asymmetric Waveguide Arrays. Physical Review Letters, 2007, 98, .	7.8	120
194	Probing canonical geometrical objects by digital spiral imaging. Journal of the European Optical Society-Rapid Publications, 2007, 2, .	1.9	50
195	Twisted photons. Nature Physics, 2007, 3, 305-310.	16.7	1,196
196	Surface Gap Solitons. Physical Review Letters, 2006, 96, 073901.	7.8	212
197	Extended organization of colloidal microparticles by surface plasmon polariton excitation. Physical Review B, 2006, 73, .	3.2	180
198	Spectral engineering of entangled two-photon states. Physical Review A, 2006, 73, .	2.5	31

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199	Stable Vortex Tori in the Three-Dimensional Cubic-Quintic Ginzburg-Landau Equation. Physical Review Letters, 2006, 97, 073904.	7.8	139
200	Three-dimensional spatiotemporal optical solitons in nonlocal nonlinear media. Physical Review E, 2006, 73, 025601.	2.1	80
201	Shaping soliton properties in Mathieu lattices. Optics Letters, 2006, 31, 238.	3.3	58
202	Broadband light generation by noncollinear parametric downconversion. Optics Letters, 2006, 31, 253.	3.3	49
203	Multipole vector solitons in nonlocal nonlinear media. Optics Letters, 2006, 31, 1483.	3.3	109
204	Gap solitons supported by optical lattices in photorefractive crystals with asymmetric nonlocality. Optics Letters, 2006, 31, 2027.	3.3	34
205	Multipole-mode surface solitons. Optics Letters, 2006, 31, 2172.	3.3	50
206	Soliton control in fading optical lattices. Optics Letters, 2006, 31, 2181.	3.3	27
207	Generation of surface soliton arrays. Optics Letters, 2006, 31, 2329.	3.3	54
208	Lattice-supported surface solitons in nonlocal nonlinear media. Optics Letters, 2006, 31, 2595.	3.3	52
209	Two-dimensional multipole solitons in nonlocal nonlinear media. Optics Letters, 2006, 31, 3312.	3.3	235
210	Nonlinear Tamm States in Periodic Photonic Structures. Optics and Photonics News, 2006, 17, 29.	0.5	6
211	Bragg-type soliton mirror. Optics Express, 2006, 14, 1576.	3.4	13
212	Surface vortex solitons. Optics Express, 2006, 14, 4049.	3.4	73
213	Vector mixed-gap surface solitons. Optics Express, 2006, 14, 4808.	3.4	30
214	Surface lattice kink solitons. Optics Express, 2006, 14, 12365.	3.4	23
215	Stable solitons of even and odd parities supported by competing nonlocal nonlinearities. Physical Review E, 2006, 74, 066614.	2.1	56
216	Stabilization of vector soliton complexes in nonlocal nonlinear media. Physical Review E, 2006, 73, 055601.	2.1	45

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217	Asymmetric matter-wave solitons at nonlinear interfaces. Physical Review A, 2006, 74, .	2.5	9
218	Matter-wave soliton control in optical lattices with topological dislocations. Physical Review A, 2006, 74, .	2.5	2
219	Stable three-dimensional optical solitons supported by competing quadratic and self-focusing cubic nonlinearities. Physical Review E, 2006, 74, 047601.	2.1	15
220	Enhanced localization of Dyakonov-like surface waves in left-handed materials. Physical Review B, 2006, 74, .	3.2	23
221	Quantum state engineering for spatial control of entangled photon pairs. , 2005, , .		1
222	The orbital angular momentum of photons in noncollinear spontaneous parametric downconversion. , 2005, , .		0
223	Dyakonov Surface Waves in Photonic Metamaterials. Physical Review Letters, 2005, 94, 013901.	7.8	130
224	The spatial shape of entangled photon states generated in non-collinear, walking parametric downconversion. Journal of Optics B: Quantum and Semiclassical Optics, 2005, 7, 235-239.	1.4	33
225	Twisted photons: new classical and quantum applications. , 2005, 5958, 418.		0
226	Optical vortices and vortex solitons. Progress in Optics, 2005, 47, 291-391.	0.6	356
227	Oscillations of two-dimensional solitons in harmonic and Bessel optical lattices. Physical Review E, 2005, 71, 036621.	2.1	6
228	Soliton Topology versus Discrete Symmetry in Optical Lattices. Physical Review Letters, 2005, 95, 123902.	7.8	62
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