Yaroslav Kartashov

List of Publications by Year
in descending order

336	11,683	30551 56	49824 91
papers	citations	h-index	g-index

336	336	336	3531
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Observation of Edge Solitons in Topological Trimer Arrays. Physical Review Letters, 2022, 128, 093901.	2.9	41
2	Quartic Kerr cavity combs: bright and dark solitons. Optics Letters, 2022, 47, 2438.	1.7	14
3	Floquet Edge Multicolor Solitons. Laser and Photonics Reviews, 2022, 16, 2100398.	4.4	8
4	Nonlinear Thouless Pumping: Solitons and Transport Breakdown. Physical Review Letters, 2022, 128, 154101.	2.9	28
5	Spinor-induced instability of kinks, holes and quantum droplets. New Journal of Physics, 2022, 24, 073012.	1.2	14
6	Observation of nonlinearity-controlled switching of topological edge states. Nanophotonics, 2022, 11, 3653-3661.	2.9	7
7	Vector valley Hall edge solitons in superhoneycomb lattices. Chaos, Solitons and Fractals, 2022, 161, 112364.	2.5	6
8	Observation of nonlinear corner states in a higher-order photonic topological insulator. , 2021, , .		1
9	Reversible Self-Replication of Spatiotemporal Kerr Cavity Patterns. Physical Review Letters, 2021, 126, 063903.	2.9	7
10	Theory of topological corner state laser in Kagome waveguide arrays. APL Photonics, 2021, 6, .	3.0	38
11	Topological solitons in arrays of modelocked lasers. Optics Letters, 2021, 46, 2123.	1.7	9
12	Topological dipole Floquet solitons. Physical Review A, 2021, 103, .	1.0	36
13	Nonlinear corner states observed in Kagome higher-order photonic topological insulators. , 2021, , .		0
14	Rotating Multidimensional Quantum Droplets. Physical Review Letters, 2021, 126, 244101.	2.9	35
15	Topological Corner State Laser in Kagome Waveguide Arrays. , 2021, , .		0
16	Nonlinear second-order photonic topological insulators. Nature Physics, 2021, 17, 995-1000.	6.5	117
17	Dark topological valley Hall edge solitons. Nanophotonics, 2021, 10, 3559-3566.	2.9	19
18	Metastable two-component solitons near an exceptional point. Physical Review A, 2021, 104, .	1.0	2

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19	Four-wave mixing Floquet topological solitons. Optics Letters, 2021, 46, 4710.	1.7	4
20	Floquet defect solitons. Optics Letters, 2021, 46, 5364.	1.7	2
21	Multifrequency Solitons in Commensurate-Incommensurate Photonic MoirÃ© Lattices. Physical Review Letters, 2021, 127, 163902.	2.9	35
22	Valley Hall edge solitons in a photonic graphene. Optics Express, 2021, 29, 39755.	1.7	8
23	First realization of a nonlinearity-induced topological insulator. , 2021, , .		0
24	Superexponential amplification, power blowup, and solitons sustained by non-Hermitian gauge potentials. Physical Review A, 2021, 104, .	1.0	1
25	Localization and delocalization of light in photonic moirÃ© lattices. Nature, 2020, 577, 42-46.	13.7	253
26	Vector Topological Edge Solitons in Floquet Insulators. ACS Photonics, 2020, 7, 735-745.	3.2	43
27	Spiraling vortices in exciton-polariton condensates. Physical Review B, 2020, 102, .	1.1	4
28	Stable Nonlinear Modes Sustained by Gauge Fields. Physical Review Letters, 2020, 125, 054101.	2.9	15
29	Optical soliton formation controlled by angle twisting in photonic moirÃ© lattices. Nature Photonics, 2020, 14, 663-668.	15.6	129
30	Nonlinearity-induced photonic topological insulator. Science, 2020, 370, 701-704.	6.0	157
31	Polariton gap and gap-stripe solitons in Zeeman lattices. Physical Review B, 2020, 101, .	1.1	2
32	Topological Valley Hall Edge State Lasing. Laser and Photonics Reviews, 2020, 14, 2000001.	4.4	42
33	Observation of edge solitons in photonic graphene. Nature Communications, 2020, 11, 1902.	5.8	88
34	Stable two-dimensional soliton complexes in Boseâ€“Einstein condensates with helicoidal spinâ€“orbit coupling. New Journal of Physics, 2020, 22, 103014.	1.2	12
35	Multidimensional hybrid Bose-Einstein condensates stabilized by lower-dimensional spin-orbit coupling. Physical Review Research, 2020, 2, .	1.3	18
36	Structured heterosymmetric quantum droplets. Physical Review Research, 2020, 2, .	1.3	16

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37	Experimental study of the interplay between dynamic localization and Anderson localization. Optics Letters, 2020, 45, 415.	1.7	5
38	Edge solitons in Lieb topological Floquet insulator. Optics Letters, 2020, 45, 1459.	1.7	35
39	Bragg solitons in topological Floquet insulators. Optics Letters, 2020, 45, 2271.	1.7	26
40	Nonlinear higher-order polariton topological insulator. Optics Letters, 2020, 45, 4710.	1.7	20
41	Topological edge states of nonequilibrium polaritons in hollow honeycomb arrays. Optics Letters, 2020, 45, 5311.	1.7	6
42	Demonstration of a nonlinearity induced photonic topological insulator. , 2020, , .		1
43	Chiral condensates in a polariton hexagonal ring. Optics Letters, 2020, 45, 5700.	1.7	2
44	Finiteâ€Dimensional Bistable Topological Insulators: From Small to Large. Laser and Photonics Reviews, 2019, 13, 1900198.	4.4	19
45	Robust Ultrashort Light Bullets in Strongly Twisted Waveguide Arrays. Physical Review Letters, 2019, 123, 133902.	2.9	28
46	Interface states in polariton topological insulators. Physical Review A, 2019, 99, .	1.0	22
47	Bloch oscillations of topological edge modes. Physical Review A, 2019, 99, .	1.0	9
48	Metastability of Quantum Droplet Clusters. Physical Review Letters, 2019, 122, 193902.	2.9	64
49	Stable Multiring and Rotating Solitons in Two-Dimensional Spin-Orbit-Coupled Bose-Einstein Condensates with a Radially Periodic Potential. Physical Review Letters, 2019, 122, 123201.	2.9	32
50	Frontiers in multidimensional self-trapping of nonlinear fields and matter. Nature Reviews Physics, 2019, 1, 185-197.	11.9	255
51	Two-Dimensional Topological Polariton Laser. Physical Review Letters, 2019, 122, 083902.	2.9	78
52	Solitons in Inhomogeneous Gauge Potentials: Integrable and Nonintegrable Dynamics. Physical Review Letters, 2019, 122, 064101.	2.9	29
53	Coupling of Edge States and Topological Bragg Solitons. Physical Review Letters, 2019, 123, 254103.	2.9	37
54	Floquet topological insulator laser. APL Photonics, 2019, 4, .	3.0	20

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55	Purely Kerr nonlinear model admitting flat-top solitons. Optics Letters, 2019, 44, 1206.	1.7	29
56	Rabi-like oscillation of photonic topological valley Hall edge states. Optics Letters, 2019, 44, 3342.	1.7	15
57	Rotating patterns in polariton condensates in ring-shaped potentials under a bichromatic pump. Optics Letters, 2019, 44, 4805.	1.7	14
58	Edge and bulk dissipative solitons in modulated PT-symmetric waveguide arrays. Optics Letters, 2019, 44, 791.	1.7	8
59	Polariton surface solitons under a resonant pump. Optics Letters, 2019, 44, 5469.	1.7	2
60	Lieb polariton topological insulators. Physical Review B, 2018, 97, .	1.1	56
61	Topological edge states in Rashba-Dresselhaus spin-orbit-coupled atoms in a Zeeman lattice. Physical Review A, 2018, 98, .	1.0	12
62	Inhibition of tunneling and edge state control in polariton topological insulators. APL Photonics, 2018, 3, 120801.	3.0	11
63	Clusters of Cavity Solitons Bounded by Conical Radiation. Physical Review Letters, 2018, 121, 103903.	2.9	12
64	Transverse instability of dark solitons in spin-orbit coupled polariton condensates. Optics Letters, 2018, 43, 4623.	1.7	1
65	Bloch oscillations in arrays of helical waveguides. Physical Review A, 2018, 97, .	1.0	12
66	Bound states in the continuum in a two-dimensional PT-symmetric system. Optics Letters, 2018, 43, 575.	1.7	20
67	Cavity solitons in a microring dimer with gain and loss. Optics Letters, 2018, 43, 979.	1.7	9
68	Two-dimensional nonlinear modes and frequency combs in bottle microresonators. Optics Letters, 2018, 43, 2680.	1.7	13
69	Resonant Edgeâ€State Switching in Polariton Topological Insulators. Laser and Photonics Reviews, 2018, 12, 1700348.	4.4	24
70	Three-dimensional droplets of swirling superfluids. Physical Review A, 2018, 98, .	1.0	94
71	Spinâ€“Orbit Coupled Polariton Condensates in a Radially Periodic Potential: Multiring Vortices and Rotating Solitons. ACS Photonics, 2018, 5, 3634-3642.	3.2	9
72	PT-symmetric bound states in the continuum. , 2018, , .		0

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73	Dynamical suppression of tunneling and spin switching of a spin-orbit-coupled atom in a double-well trap. Physical Review A, 2018, 97, .	1.0	13
74	Bound states in the continuum in spin-orbit-coupled atomic systems. Physical Review A, 2017, 96, .	1.0	15
75	Edge States in Dynamical Superlattices. ACS Photonics, 2017, 4, 2250-2256.	3.2	21
76	Backward Cherenkov radiation emitted by polariton solitons in a microcavity wire. Nature Communications, 2017, 8, 1554.	5.8	23
77	Solitons in Bose-Einstein Condensates with Helicoidal Spin-Orbit Coupling. Physical Review Letters, 2017, 118, 190401.	2.9	78
78	Bistable Topological Insulator with Exciton-Polaritons. Physical Review Letters, 2017, 119, 253904.	2.9	86
79	Multistability and coexisting soliton combs in ring resonators: the Lugiato-Lefever approach. Optics Express, 2017, 25, 11550.	1.7	23
80	Self-locking of the frequency comb repetition rate in microring resonators with higher order dispersions. Optics Express, 2017, 25, 27442.	1.7	20
81	CPT-symmetric coupler with intermodal dispersion. Optics Letters, 2017, 42, 1273.	1.7	10
82	Modulational instability and solitons in microring resonators with localized pump. , 2017, , .		0
83	Topological insulator solitons in polariton graphene. , 2017, , .		0
84	PT symmetry in nonlinear twisted multicore fibers. Optics Letters, 2017, 42, 2972.	1.7	16
85	Rotating vortex clusters in media with inhomogeneous defocusing nonlinearity. Optics Letters, 2017, 42, 446.	1.7	34
86	Two-dimensional lattice solitons in polariton condensates with spin-orbit coupling. Optics Letters, 2016, 41, 5043.	1.7	9
87	Modulational instability and solitary waves in polariton topological insulators. Optica, 2016, 3, 1228.	4.8	119
88	Three-dimensional topological solitons in PT-symmetric optical lattices. Optica, 2016, 3, 1048.	4.8	42
89	Dynamic localization in optical and Zeeman lattices in the presence of spin-orbit coupling. Physical Review A, 2016, 94, .	1.0	12
90	Suppression and restoration of disorderâ€induced light localization mediated by â€symmetry breaking. Laser and Photonics Reviews, 2016, 10, 100-107.	4.4	14

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91	Localized waves supported by the rotating waveguide array. Optics Letters, 2016, 41, 4106.	1.7	13
92	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, .	1.0	26
93	Bloch Oscillations in Optical and Zeeman Lattices in the Presence of Spin-Orbit Coupling. Physical Review Letters, 2016, 117, 215301.	2.9	50
94	Localization-delocalization transition in spin-orbit-coupled Bose-Einstein condensate. Scientific Reports, 2016, 6, 31700.	1.6	10
95	Localization-delocalization wavepacket transition in Pythagorean aperiodic potentials. Scientific Reports, 2016, 6, 32546.	1.6	51
96	Asymmetric soliton mobility in competing linearâ€“nonlinear parity-time-symmetric lattices. Optics Letters, 2016, 41, 4348.	1.7	8
97	Topological solitons in partially-PT-symmetric potentials. , 2016, , .		0
98	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.	2.9	51
99	Efficient mode conversion in guiding structures with longitudinal modulation of nonlinearity. Optics Letters, 2015, 40, 4631.	1.7	5
100	Nonlinear Photonics 2014: Introduction. Optics Express, 2015, 23, 484.	1.7	0
101	Dynamic versus Anderson wave-packet localization. Physical Review A, 2015, 91, .	1.0	4
102	Rabi oscillations and stimulated mode conversion on the subwavelength scale. Optics Express, 2015, 23, 6731.	1.7	12
103	Self-deflecting plasmonic lattice solitons and surface modes in chirped plasmonic arrays. Optics Letters, 2015, 40, 898.	1.7	8
104	Stabilization of spatiotemporal solitons in Kerr media by dispersive coupling. Optics Letters, 2015, 40, 1045.	1.7	52
105	Localization of light in a parity-time-symmetric quasi-periodic lattice. Optics Letters, 2015, 40, 2758.	1.7	40
106	Dark solitons in dual-core waveguides with dispersive coupling. Optics Letters, 2015, 40, 4126.	1.7	13
107	Bose-Einstein condensates with localized spin-orbit coupling: Soliton complexes and spinor dynamics. Physical Review A, 2014, 90, .	1.0	52
108	Spatio-temporal hybrid Anderson localization. Europhysics Letters, 2014, 108, 64002.	0.7	1

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109	Resonant Bloch-wave beatings. Optics Letters, 2014, 39, 3826.	1.7	0
110	Observation of asymmetric solitons in waveguide arrays with refractive index gradient. Optics Letters, 2014, 39, 3694.	1.7	0
111	Resonant mode conversion in the waveguides with unbroken and broken PT symmetry. Optics Letters, 2014, 39, 5933.	1.7	17
112	Unbreakable PT symmetry of solitons supported by inhomogeneous defocusing nonlinearity. Optics Letters, 2014, 39, 5641.	1.7	49
113	Enhancement and inhibition of light tunneling mediated by resonant mode conversion. Optics Letters, 2014, 39, 933.	1.7	5
114	Nonlinear polarization waves in a two-component Bose-Einstein condensate. Physical Review A, 2014, 89, .	1.0	27
115	Large transverse shifts appearing upon passage of vortices through oblique dark solitons. Physical Review A, 2014, 89, .	1.0	3
116	Twisted Toroidal Vortex Solitons in Inhomogeneous Media with Repulsive Nonlinearity. Physical Review Letters, 2014, 113, 264101.	2.9	81
117	${cal CPT}$ -symmetric spin-orbitâ€“coupled condensate. Europhysics Letters, 2014, 107, 50002.	0.7	26
118	Mode conversion in nonlinear waveguides stimulated by the longitudinal bi-harmonic refractive index modulation. Europhysics Letters, 2014, 105, 54001.	0.7	1
119	Soliton Gyroscopes in Media with Spatially Growing Repulsive Nonlinearity. Physical Review Letters, 2014, 112, 020404.	2.9	72
120	Stationary plasmon-soliton waves in metal-dielectric nonlinear planar structures: Modeling and properties. Physical Review A, 2014, 89, .	1.0	24
121	PT symmetry in optics beyond the paraxial approximation. Optics Letters, 2014, 39, 5443.	1.7	35
122	Wave patterns generated by a flow of a two-component Bose-Einstein condensate with spin-orbit interaction past a localized obstacle. Europhysics Letters, 2014, 107, 10008.	0.7	2
123	Three-dimensional hybrid vortex solitons. New Journal of Physics, 2014, 16, 063035.	1.2	47
124	Fundamental, Multipole, and Half-Vortex Gap Solitons in Spin-Orbit Coupled Bose-Einstein Condensates. Physical Review Letters, 2014, 112, 180403.	2.9	128
125	Gap Solitons in a Spin-Orbit-Coupled Bose-Einstein Condensate. Physical Review Letters, 2013, 111, 060402.	2.9	140
126	Oblique Breathers Generated by a Flow of Two-Component Bose-Einstein Condensates Past a Polarized Obstacle. Physical Review Letters, 2013, 111, 140402.	2.9	11

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127	Spatial light rectification in an optical waveguide lattice. Europhysics Letters, 2013, 101, 44002.	0.7	18
128	Anderson localization of light with topological dislocations. Physical Review A, 2013, 88, .	1.0	12
129	Hybrid Blochâ€“Anderson localization of light. Optics Letters, 2013, 38, 1488.	1.7	18
130	Tunneling inhibition for subwavelength light. Optics Letters, 2013, 38, 2846.	1.7	6
131	Solitons supported by localized parametric gain. Optics Letters, 2013, 38, 480.	1.7	11
132	Light scattering in disordered honeycomb photonic lattices near the Dirac points. Optics Letters, 2013, 38, 3727.	1.7	7
133	Rotation-managed dissipative solitons. Optics Letters, 2013, 38, 2317.	1.7	1
134	Light dynamics in materials with radially inhomogeneous thermal conductivity. Optics Letters, 2013, 38, 4417.	1.7	1
135	Generation of arbitrary complex quasi-non-diffracting optical patterns. Optics Express, 2013, 21, 22221.	1.7	20
136	Solitary vortices supported by localized parametric gain. Optics Letters, 2013, 38, 2177.	1.7	20
137	Vector solitons in parity-time-symmetric lattices. Optics Letters, 2013, 38, 2600.	1.7	63
138	Solitons in spiraling Vogel lattices. Optics Letters, 2013, 38, 190.	1.7	6
139	Two-dimensional dispersive shock waves in dissipative optical media. Optics Letters, 2013, 38, 790.	1.7	8
140	Dynamics of topological light states in spiraling structures. Optics Letters, 2013, 38, 3414.	1.7	24
141	Tunable ultrafast nonlinear optofluidic coupler. EPJ Web of Conferences, 2013, 41, 12010.	0.1	1
142	Light localization in nonuniformly randomized lattices. Optics Letters, 2012, 37, 286.	1.7	20
143	Tunable ultrafast nonlinear optofluidic coupler. Optics Letters, 2012, 37, 1058.	1.7	39
144	Quasiâ€“one-dimensional flow of polariton condensate past an obstacle. Europhysics Letters, 2012, 97, 10006.	0.7	8

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145	Stable surface solitons in truncated complex potentials. Optics Letters, 2012, 37, 2526.	1.7	18
146	Anderson localization in Bragg-guiding arrays with negative defects. Optics Letters, 2012, 37, 4020.	1.7	5
147	Solitons supported by spatially inhomogeneous nonlinear losses. Optics Express, 2012, 20, 2657.	1.7	35
148	Observation of the gradual transition from one-dimensional to two-dimensional Anderson localization. Optics Letters, 2012, 37, 593.	1.7	19
149	Stationary one-dimensional dispersive shock waves. Optics Letters, 2012, 37, 389.	1.7	2
150	Anderson cross-localization. Optics Letters, 2012, 37, 1715.	1.7	28
151	Spatial solitons in optofluidic waveguide arrays with focusing ultrafast Kerr nonlinearity. Optics Letters, 2012, 37, 2454.	1.7	19
152	Asymmetric solitons and domain walls supported by inhomogeneous defocusing nonlinearity. Optics Letters, 2012, 37, 5000.	1.7	15
153	Stable bright and vortex solitons in photonic crystal fibers with inhomogeneous defocusing nonlinearity. Optics Letters, 2012, 37, 1799.	1.7	26
154	Compactons and bistability in exciton-polariton condensates. Physical Review B, 2012, 86, .	1.1	9
155	Stable vortex-soliton tori with multiple nested phase singularities in dissipative media. Physical Review A, 2012, 85, .	1.0	13
156	Topological light bullets supported by spatiotemporal gain. Physical Review A, 2012, 85, .	1.0	4
157	Guided Modes and Symmetry Breaking Supported by Localized Gain. Progress in Optical Science and Photonics, 2012, , 167-200.	0.3	3
158	Soliton generation by counteracting gain-guiding and self-bending. Optics Letters, 2012, 37, 4540.	1.7	6
159	Three-dimensional light bullets. Proceedings of SPIE, 2012, , .	0.8	0
160	Low-power plasmonâ€“soliton in realistic nonlinear planar structures. Optics Letters, 2012, 37, 4579.	1.7	19
161	1D model for low power soliton hybridized with a plasmon in realistic nonlinear planar structures. , 2012, , .		0
162	Dynamical light control in longitudinally modulated segmented waveguide arrays. Europhysics Letters, 2011, 95, 24002.	0.7	2

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163	Stability of solitons in ??-symmetric nonlinear potentials. Europhysics Letters, 2011, 96, 64003.	0.7	73
164	Bright solitons from defocusing nonlinearities. Physical Review E, 2011, 84, 035602.	0.8	109
165	Publisherâ€™s Note: Solitons in nonlinear lattices [Rev. Mod. Phys.83, 247 (2011)]. Reviews of Modern Physics, 2011, 83, 405-405.	16.4	17
166	Stripe-like quasi-nondiffracting optical lattices. Optics Express, 2011, 19, 9505.	1.7	7
167	Two-dimensional dissipative solitons supported by localized gain. Optics Letters, 2011, 36, 82.	1.7	34
168	Stable radially symmetric and azimuthally modulated vortex solitons supported by localized gain. Optics Letters, 2011, 36, 85.	1.7	48
169	Disorder-induced soliton transmission in nonlinear photonic lattices. Optics Letters, 2011, 36, 466.	1.7	10
170	Solitons in a medium with linear dissipation and localized gain. Optics Letters, 2011, 36, 1200.	1.7	48
171	Rotating vortex solitons supported by localized gain. Optics Letters, 2011, 36, 1936.	1.7	23
172	General quasi-nonspreading linear three-dimensional wave packets. Optics Letters, 2011, 36, 2176.	1.7	10
173	Algebraic bright and vortex solitons in defocusing media. Optics Letters, 2011, 36, 3088.	1.7	82
174	Solitons in geometric potentials. Optics Letters, 2011, 36, 3470.	1.7	8
175	Vortex twins and anti-twins supported by multiring gain landscapes. Optics Letters, 2011, 36, 3783.	1.7	15
176	Negative Goosâ€“HÃnchen shift in periodic media. Optics Letters, 2011, 36, 4446.	1.7	11
177	Self-trapping and splitting of bright vector solitons under inhomogeneous defocusing nonlinearities. Optics Letters, 2011, 36, 4587.	1.7	34
178	Solitons in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mrow><mml:mi mathvariant="script">PT</mml:mi></mml:mrow></mml:mrow></mml:math>-symmetric nonlinear lattices. Physical Review A, 2011, 83, .	1.0	265
179	Solitons in nonlinear lattices. Reviews of Modern Physics, 2011, 83, 247-305.	16.4	740
180	Symmetry breaking and multipeaked solitons in inhomogeneous gain landscapes. Physical Review A, 2011, 83, .	1.0	35

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181	Dynamics of Light Bullets in two-dimensional arrays of waveguides. , 2011, , .		0
182	Stable fundamental and vortex solitons supported by localized gain. , 2011, , .		0
183	Spectral tunneling of lattice nonlocal solitons. Physical Review A, 2010, 82, .	1.0	2
184	Two-dimensional vector solitons stabilized by a linear or nonlinear lattice acting in one component. Europhysics Letters, 2010, 92, 64001.	0.7	6
185	Nonlinearity-mediated soliton ejection from trapping potentials in nonlocal media. Physical Review A, 2010, 82, .	1.0	5
186	Stabilization of two-dimensional solitons in cubic-saturable nonlinear lattices. Physical Review A, 2010, 81, .	1.0	18
187	Inhibition of light tunneling for multichannel excitations in longitudinally modulated waveguide arrays. Physical Review A, 2010, 81, .	1.0	12
188	Light Bullets by Synthetic Diffraction-Dispersion Matching. Physical Review Letters, 2010, 105, 033901.	2.9	26
189	Method to Generate Complex Quasinondiffracting Optical Lattices. Physical Review Letters, 2010, 105, 013902.	2.9	43
190	Dissipative surface solitons in periodic structures. Europhysics Letters, 2010, 91, 34003.	0.7	29
191	Light tunneling inhibition in array of couplers with longitudinal refractive index modulation. Optics Letters, 2010, 35, 205.	1.7	13
192	Twin-vortex solitons in nonlocal nonlinear media. Optics Letters, 2010, 35, 628.	1.7	46
193	Wave localization at the boundary of disordered photonic lattices. Optics Letters, 2010, 35, 1172.	1.7	95
194	Dissipative defect modes in periodic structures. Optics Letters, 2010, 35, 1638.	1.7	49
195	Light tunneling inhibition in longitudinally modulated Bragg-guiding arrays. Optics Letters, 2010, 35, 2097.	1.7	12
196	Vortex lattice solitons supported by localized gain. Optics Letters, 2010, 35, 3177.	1.7	15
197	Thresholdless surface solitons. Optics Letters, 2010, 35, 3339.	1.7	7
198	Bloch-wave packet control in truncated modulated optical lattices. Optics Letters, 2010, 35, 4220.	1.7	0

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199	Nondiffracting Light On-Demand. Optics and Photonics News, 2010, 21, 43.	0.4	2
200	Three-Dimensional Light Bullets in Arrays of Waveguides. Physical Review Letters, 2010, 105, 263901.	2.9	206
201	Stabilization of higher-order vortices and multihump solitons in media with synthetic nonlocal nonlinearities. Physical Review A, 2009, 79, .	1.0	32
202	Solitons in optical lattices with spatially modulated nonlinearity. , 2009, , .		0
203	Observation of two-dimensional coherent surface vector solitons in femtosecond laser-written waveguide arrays. , 2009, , .		0
204	Inhibition of Light Tunneling in Waveguide Arrays. Physical Review Letters, 2009, 102, 153901.	2.9	115
205	Stabilization of multibeam necklace solitons in circular arrays with spatially modulated nonlinearity. Physical Review A, 2009, 80, .	1.0	32
206	Soliton Excitation in Waveguide Arrays with an Effective Intermediate Dimensionality. Physical Review Letters, 2009, 102, 063902.	2.9	11
207	Solitons in complex optical lattices. European Physical Journal: Special Topics, 2009, 173, 87-105.	1.2	20
208	Multipole surface solitons in thermal media. Optics Letters, 2009, 34, 283.	1.7	30
209	Two-dimensional solitons in nonlinear lattices. Optics Letters, 2009, 34, 770.	1.7	83
210	Observation of two-dimensional defect surface solitons. Optics Letters, 2009, 34, 797.	1.7	43
211	Light bullets in optical tandems. Optics Letters, 2009, 34, 1129.	1.7	33
212	Light dynamics in glass-vanadium dioxide nanocomposite waveguides with thermal nonlinearity. Optics Letters, 2009, 34, 1228.	1.7	3
213	Parametric amplification of random lattice soliton swinging. Optics Letters, 2009, 34, 1354.	1.7	0
214	Engineering soliton nonlinearities: from local to strongly nonlocal. Optics Letters, 2009, 34, 1543.	1.7	10
215	Observation of two-dimensional coherent surface vector lattice solitons. Optics Letters, 2009, 34, 1624.	1.7	10
216	Walking-vector-soliton caging and releasing. Optics Letters, 2009, 34, 1705.	1.7	2

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217	Power-dependent soliton steering in thermal nonlinear media. Optics Letters, 2009, 34, 2658.	1.7	14
218	Nonlinearity-induced broadening of resonances in dynamically modulated couplers. Optics Letters, 2009, 34, 2700.	1.7	33
219	Light tunneling inhibition and anisotropic diffraction engineering in two-dimensional waveguide arrays. Optics Letters, 2009, 34, 2906.	1.7	57
220	Switching management in couplers with biharmonic longitudinal modulation of refractive index. Optics Letters, 2009, 34, 3544.	1.7	18
221	Vector solitons in nonlinear lattices. Optics Letters, 2009, 34, 3625.	1.7	46
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