

Vladimir Konotop

List of Publications by Year in descending order

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338
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#	ARTICLE	IF	CITATIONS
1	Floquet Edge Multicolor Solitons. <i>Laser and Photonics Reviews</i> , 2022, 16, 2100398.	4.4	8
2	Nonlinear Thouless Pumping: Solitons and Transport Breakdown. <i>Physical Review Letters</i> , 2022, 128, 154101.	2.9	28
3	Nonlinear Anti-(Parity-Time) Symmetric Dimer. <i>Frontiers in Physics</i> , 2022, 10, .	1.0	1
4	Localization of ultracold atoms in Zeeman lattices with incommensurate spin-orbit coupling. <i>Physical Review A</i> , 2022, 105, .	1.0	3
5	Vector valley Hall edge solitons in superhoneycomb lattices. <i>Chaos, Solitons and Fractals</i> , 2022, 161, 112364.	2.5	6
6	Nonlinear topological edge states in a non-Hermitian array of optical waveguides embedded in an atomic gas. <i>Physical Review A</i> , 2021, 103, .	1.0	10
7	Localized modes and dark solitons sustained by nonlinear defects. <i>Optics Letters</i> , 2021, 46, 2216.	1.7	24
8	Topological dipole Floquet solitons. <i>Physical Review A</i> , 2021, 103, .	1.0	36
9	Parity-time-symmetric rational vector rogue waves of the n-component nonlinear Schrödinger equation. <i>Chaos</i> , 2021, 31, 063120.	1.0	14
10	Asymmetric Loop Spectra and Unbroken Phase Protection due to Nonlinearities in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi mathvariant="script"} \rangle \text{PT} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -Symmetric Periodic Potentials. <i>Physical Review Letters</i> , 2021, 127, 034101.	2.9	6
11	Metastable two-component solitons near an exceptional point. <i>Physical Review A</i> , 2021, 104, .	1.0	2
12	Four-wave mixing Floquet topological solitons. <i>Optics Letters</i> , 2021, 46, 4710.	1.7	4
13	Floquet defect solitons. <i>Optics Letters</i> , 2021, 46, 5364.	1.7	2
14	Multifrequency Solitons in Commensurate-Incommensurate Photonic Moiré Lattices. <i>Physical Review Letters</i> , 2021, 127, 163902.	2.9	35
15	First realization of a nonlinearity-induced topological insulator. , 2021, , .		0
16	Perfectly absorbed and emitted currents by complex potentials in nonlinear media. <i>Physical Review A</i> , 2021, 104, .	1.0	1
17	Superexponential amplification, power blowup, and solitons sustained by non-Hermitian gauge potentials. <i>Physical Review A</i> , 2021, 104, .	1.0	1
18	Localization and delocalization of light in photonic moiré lattices. <i>Nature</i> , 2020, 577, 42-46.	13.7	253

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19	Vector Topological Edge Solitons in Floquet Insulators. ACS Photonics, 2020, 7, 735-745.	3.2	43
20	Stable Nonlinear Modes Sustained by Gauge Fields. Physical Review Letters, 2020, 125, 054101.	2.9	15
21	Asymmetric Perfect Absorption and Lasing of Nonlinear Waves by a Complex $\hat{\Gamma}$ -Potential. Symmetry, 2020, 12, 1675.	1.1	1
22	Optical soliton formation controlled by angle twisting in photonic moiré lattices. Nature Photonics, 2020, 14, 663-668.	15.6	129
23	Nonlinearity-induced photonic topological insulator. Science, 2020, 370, 701-704.	6.0	157
24	Construction of potentials with multiple spectral singularities. Journal of Physics A: Mathematical and Theoretical, 2020, 53, 305202.	0.7	1
25	Four-wave mixing in spin-orbit coupled Bose-Einstein condensates. New Journal of Physics, 2020, 22, 053019.	1.2	3
26	A universal form of localized complex potentials with spectral singularities. New Journal of Physics, 2020, 22, 013057.	1.2	10
27	Stable two-dimensional soliton complexes in Bose-Einstein condensates with helicoidal spin-orbit coupling. New Journal of Physics, 2020, 22, 103014.	1.2	12
28	Multidimensional hybrid Bose-Einstein condensates stabilized by lower-dimensional spin-orbit coupling. Physical Review Research, 2020, 2, .	1.3	18
29	Edge solitons in Lieb topological Floquet insulator. Optics Letters, 2020, 45, 1459.	1.7	35
30	Bragg solitons in topological Floquet insulators. Optics Letters, 2020, 45, 2271.	1.7	26
31	Universal form of arrays with spectral singularities. Optics Letters, 2020, 45, 3447.	1.7	3
32	Demonstration of a nonlinearity induced photonic topological insulator. , 2020, , .		1
33	Route to chaos in a coupled microresonator system with gain and loss. Nonlinear Dynamics, 2019, 97, 559-569.	2.7	5
34	Designing lasing and perfectly absorbing potentials. Physical Review A, 2019, 99, .	1.0	16
35	Solitons in Inhomogeneous Gauge Potentials: Integrable and Nonintegrable Dynamics. Physical Review Letters, 2019, 122, 064101.	2.9	29
36	Coupling of Edge States and Topological Bragg Solitons. Physical Review Letters, 2019, 123, 254103.	2.9	37

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37	Spectral singularities of odd- $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi mathvariant="script"} \rangle P \langle \text{mml:mi} \rangle \langle \text{mml:mi mathvariant="script"} \rangle T \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ -symmetric potentials. Physical Review A, 2019, 99, .	1.0	15
38	Unidirectional invisibility and enhanced reflection of short pulses in quasi-PT-symmetric media. Optics Letters, 2019, 44, 5667.	1.7	12
39	Spectral singularities of a potential created by two coupled microring resonators. Optics Letters, 2019, 44, 2024.	1.7	1
40	Odd-Time Reversal $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi mathvariant="script"} \rangle P \langle \text{mml:mi} \rangle \langle \text{mml:mi mathvariant="script"} \rangle T \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ Symmetry Induced by an Anti- $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi mathvariant="script"} \rangle P \langle \text{mml:mi} \rangle \langle \text{mml:mi mathvariant="script"} \rangle T \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ -Symmetric Medium. Physical Review Letters, 2018, 120, 123902.	2.9	61
41	Solitons in a Hamiltonian $\langle \text{mathcal{PT}} \rangle$ -symmetric coupler. Journal of Physics A: Mathematical and Theoretical, 2018, 51, 015206.	0.7	7
42	Broadband quasi- $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mi mathvariant="script"} \rangle P \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -symmetry sustained by inhomogeneous broadening of the spectral line. Physical Review A, 2018, 98, .	1.0	16
43	Optimal Switching Operation of PT-Symmetric Dimmers with Nonuniform Gain/Loss and Coupling Profiles. , 2018, , .		0
44	Topological edge states in Rashba-Dresselhaus spin-orbit-coupled atoms in a Zeeman lattice. Physical Review A, 2018, 98, .	1.0	12
45	Coupled Nonlinear Schrödinger Equations with Gain and Loss: Modeling PT $\langle \text{mathcal{PT}} \rangle$ Symmetry. Springer Tracts in Modern Physics, 2018, , 407-441.	0.1	0
46	Observation and Uses of Position-Space Bloch Oscillations in an Ultracold Gas. Physical Review Letters, 2018, 120, 213201.	2.9	47
47	Linear and nonlinear coherent perfect absorbers on simple layers. Physical Review A, 2018, 97, .	1.0	4
48	Bound states in the continuum in a two-dimensional PT-symmetric system. Optics Letters, 2018, 43, 575.	1.7	20
49	Coherent-perfect-absorber and laser for bound states in a continuum. Optics Letters, 2018, 43, 607.	1.7	25
50	Spin-orbit-coupled soliton in a random potential. Physical Review A, 2018, 98, .	1.0	14
51	Vortex Creation without Stirring in Coupled Ring Resonators with Gain and Loss. Symmetry, 2018, 10, 195.	1.1	3
52	PT-symmetric bound states in the continuum. , 2018, , .		0
53	Coherent perfect absorption of nonlinear matter waves. Science Advances, 2018, 4, eaat6539.	4.7	56
54	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

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55	Nonlinearity-induced localization in a periodically driven semidiscrete system. <i>Physical Review E</i> , 2018, 97, 062210.	0.8	4
56	Coherent perfect absorber and laser for nonlinear waves in optical waveguide arrays. <i>Optics Letters</i> , 2018, 43, 5901.	1.7	17
57	Bound states in the continuum in spin-orbit-coupled atomic systems. <i>Physical Review A</i> , 2017, 96, .	1.0	15
58	Waveguides with Absorbing Boundaries: Nonlinearity Controlled by an Exceptional Point and Solitons. <i>Physical Review Letters</i> , 2017, 119, 033905.	2.9	9
59	Dynamic Design of Spatial Patterns of Colloidal Suspensions. <i>Langmuir</i> , 2017, 33, 11698-11702.	1.6	2
60	Energy flows in \mathcal{PT} -symmetric waveguides. <i>AIP Conference Proceedings</i> , 2017, , .	0.3	0
61	Optimal \mathcal{PT} -symmetric switch features exceptional point. <i>Scientific Reports</i> , 2017, 7, 13299.	1.6	13
62	Bloch oscillations sustained by nonlinearity. <i>Scientific Reports</i> , 2017, 7, 3194.	1.6	10
63	Macroscopic random Paschen-Back effect in ultracold atomic gases. <i>Physical Review A</i> , 2017, 95, .	1.0	10
64	Modulational instability of coupled ring waveguides with linear gain and nonlinear loss. <i>Scientific Reports</i> , 2017, 7, 4089.	1.6	8
65	Solitons in Bose-Einstein Condensates with Helicoidal Spin-Orbit Coupling. <i>Physical Review Letters</i> , 2017, 118, 190401.	2.9	78
66	Femtosecond pulse propagation and splitting in a \mathcal{PT} -symmetric 1D photonic crystals. , 2017, , .		0
67	Solitons in a \mathcal{PT} -symmetric \mathbb{Z}^2 coupler. <i>Optics Letters</i> , 2017, 42, 4079.	1.7	15
68	Phase transition through the splitting of self-dual spectral singularity in optical potentials. <i>Optics Letters</i> , 2017, 42, 5206.	1.7	27
69	CPT-symmetric coupler with intermodal dispersion. <i>Optics Letters</i> , 2017, 42, 1273.	1.7	10
70	New avenues for light-matter interaction: Parity-time symmetry and non-ergodic behaviour of gain-loss transducer arrays. , 2017, , .		0
71	Small-Amplitude Nonlinear Modes under the Combined Effect of the Parabolic Potential, Nonlocality and \mathcal{PT} Symmetry. <i>Symmetry</i> , 2016, 8, 72.	1.1	5
72	Light propagation through a \mathcal{PT} -symmetric photonic-crystal. <i>Optics Express</i> , 2016, 24, 26146.	1.7	12

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73	Coupled Nonlinear Schrödinger Equations with a Gauge Potential: Existence and Blowup. Studies in Applied Mathematics, 2016, 136, 241-262.	1.1	10
74	Precession and nutation dynamics of nonlinearly coupled non-coaxial three-dimensional matter wave vortices. Scientific Reports, 2016, 6, 22758.	1.6	8
75	Tunable spectral singularities: coherent perfect absorber and laser in an atomic medium. New Journal of Physics, 2016, 18, 085003.	1.2	29
76	Jamming anomaly in \mathcal{Q} - \mathcal{T} -symmetric systems. New Journal of Physics, 2016, 18, 075015.	1.2	27
77	Dynamic localization in optical and Zeeman lattices in the presence of spin-orbit coupling. Physical Review A, 2016, 94, .	1.0	12
78	Stationary through-flows in a Bose-Einstein condensate with a \mathcal{PT} -symmetric impurity. Physical Review A, 2016, 94, .	1.0	17
79	\mathcal{PT} -Symmetric Waveguides With Tunable Parameters. IEEE Journal of Selected Topics in Quantum Electronics, 2016, 22, 25-34.	1.9	3
80	Exactly Solvable Wadati Potentials in the \mathcal{PT} -Symmetric Gross-Pitaevskii Equation. Springer Proceedings in Physics, 2016, , 143-155.	0.1	9
81	Suppression and restoration of disorder-induced light localization mediated by \mathcal{C} -symmetry breaking. Laser and Photonics Reviews, 2016, 10, 100-107.	4.4	14
82	The Cauchy problem for coupled nonlinear Schrödinger equations with linear damping: Local and global existence and blowup of solutions. Chinese Annals of Mathematics Series B, 2016, 37, 665-682.	0.2	1
83	Dynamics of dipoles and vortices in nonlinearly coupled three-dimensional field oscillators. Physical Review E, 2016, 94, 012207.	0.8	8
84	Diffraction control in \mathcal{PT} -symmetric photonic lattices: From beam rectification to dynamic localization. Physical Review A, 2016, 93, .	1.0	26
85	Nonlinear waves in \mathcal{PT} -symmetric systems. Reviews of Modern Physics, 2016, 88, .	16.4	819
86	Bloch Oscillations in Optical and Zeeman Lattices in the Presence of Spin-Orbit Coupling. Physical Review Letters, 2016, 117, 215301.	2.9	50
87	Localization-delocalization transition in spin-orbit-coupled Bose-Einstein condensate. Scientific Reports, 2016, 6, 31700.	1.6	10
88	Localization-delocalization wavepacket transition in Pythagorean aperiodic potentials. Scientific Reports, 2016, 6, 32546.	1.6	51
89	Nonlinear currents in a ring-shaped waveguide with balanced gain and dissipation. Physical Review A, 2016, 94, .	1.0	13
90	Modes and exceptional points in waveguides with impedance boundary conditions. Optics Letters, 2016, 41, 4621.	1.7	3

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91	Topological solitons in partially-PT-symmetric potentials. , 2016, , .		0
92	Topological States in Partially- $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle \text{mml:mrow}\langle \text{mml:mi mathvariant="script"}\rangle \text{PT}\langle \text{mml:mi}\rangle \langle \text{mml:mrow}\rangle \langle \text{mml:math}\rangle \text{-Symmetric Azimuthal Potentials. Physical Review Letters, 2015, 115, 193902.}$	2.9	51
93	Solitons in a nonlinear Schrödinger equation with $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle \text{mml:mrow}\langle \text{mml:mi mathvariant="script"}\rangle \text{PT}\langle \text{mml:mi}\rangle \langle \text{mml:math}\rangle \text{-symmetric potentials and inhomogeneous nonlinearity: Stability and excitation of nonlinear modes. Physical Review A, 2015, 92, .}$	1.0	76
94	Two-dimensional solitons in conservative and parity-time-symmetric triple-core waveguides with cubic-quintic nonlinearity. Physical Review E, 2015, 92, 062909.	0.8	8
95	Four-wave mixing in a parity-time (PT)-symmetric coupler. Optics Letters, 2015, 40, 5291.	1.7	18
96	Switching and dynamic memory applications using nonuniform system of coupled waveguides with local parity-time symmetry. , 2015, , .		0
97	Stabilization of spatiotemporal solitons in Kerr media by dispersive coupling. Optics Letters, 2015, 40, 1045.	1.7	52
98	Localization of light in a parity-time-symmetric quasi-periodic lattice. Optics Letters, 2015, 40, 2758.	1.7	40
99	Dark solitons in dual-core waveguides with dispersive coupling. Optics Letters, 2015, 40, 4126.	1.7	13
100	Global Existence of Solutions to Coupled \mathcal{PT} -Symmetric Nonlinear Schrödinger Equations. International Journal of Theoretical Physics, 2015, 54, 3920-3931.	0.5	12
101	Four-wave mixing with Bose-Einstein condensates in nonlinear lattices. Europhysics Letters, 2014, 105, 64002.	0.7	4
102	Bose-Einstein condensates with localized spin-orbit coupling: Soliton complexes and spinor dynamics. Physical Review A, 2014, 90, .	1.0	52
103	Stochastic parity-time-symmetric coupler. Optics Letters, 2014, 39, 1223.	1.7	20
104	Interaction of soliton with exceptional point defect in PT-symmetric coupler. , 2014, , .		0
105	Coupled Airy breathers. Optics Letters, 2014, 39, 5523.	1.7	55
106	Families of stationary modes in complex potentials. Optics Letters, 2014, 39, 5535.	1.7	61
107	Tunable nonlinear double-core PT-symmetric waveguides. Optics Letters, 2014, 39, 5387.	1.7	24
108	Preface: Nonlinear Wave Phenomena and PT-Symmetry. Studies in Applied Mathematics, 2014, 133, 279-280.	1.1	0

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109	\mathcal{CPT} -symmetric spin-orbit-coupled condensate. Europhysics Letters, 2014, 107, 50002.	0.7	26
110	PT-symmetric coupler with a coupling defect: soliton interaction with exceptional point. Optics Letters, 2014, 39, 3382.	1.7	26
111	Supercritical Blowup in Coupled Parity-Time-Symmetric Nonlinear Schrödinger Equations. Studies in Applied Mathematics, 2014, 133, 422-440.	1.1	11
112	Nonlinear modes in a generalized \mathcal{PT} -symmetric discrete nonlinear Schrödinger equation. Journal of Physics A: Mathematical and Theoretical, 2014, 47, 085204.	0.7	32
113	Fundamental, Multipole, and Half-Vortex Gap Solitons in Spin-Orbit Coupled Bose-Einstein Condensates. Physical Review Letters, 2014, 112, 180403.	2.9	128
114	PT-symmetric coupler with randomly varying parameters. , 2014, , .		0
115	Gap Solitons in a Spin-Orbit-Coupled Bose-Einstein Condensate. Physical Review Letters, 2013, 111, 060402.	2.9	140
116	Atom laser based on four-wave mixing with Bose-Einstein condensates in nonlinear lattices. Physical Review A, 2013, 88, .	1.0	8
117	Stable dark solitons in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi mathvariant="script"} \rangle \text{PT} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -symmetric dual-core waveguides. Physical Review A, 2013, 87, .	1.0	99
118	Stationary modes and integrals of motion in nonlinear lattices with a \mathcal{PT} -symmetric linear part. Journal of Physics A: Mathematical and Theoretical, 2013, 46, 415301.	0.7	22
119	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi mathvariant="script"} \rangle \text{P} \langle \text{mml:mi} \rangle \langle \text{mml:mi mathvariant="script"} \rangle \text{T} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ Symmetry with a System of Three-Level Atoms. Physical Review Letters, 2013, 110, 083604.	2.9	229
120	Solitons in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi mathvariant="script"} \rangle \text{PT} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -symmetric periodic systems with the quadratic nonlinearity. Physical Review A, 2013, 87, .	1.0	36
121	Superfluidity breakdown of periodic matter waves in quasi-one-dimensional annular traps via resonant scattering with moving defects. Physical Review A, 2013, 87, .	1.0	4
122	Hybrid Bloch-Anderson localization of light. Optics Letters, 2013, 38, 1488.	1.7	18
123	Tunable nonlinear parity-time-symmetric defect modes with an atomic cell. Optics Letters, 2013, 38, 4033.	1.7	24
124	Conservative and PT-symmetric compactons in waveguide networks. Optics Letters, 2013, 38, 4880.	1.7	25
125	Discrete vortex solitons and parity time symmetry. Optics Letters, 2013, 38, 371.	1.7	44
126	Parametric patterns in optical fiber ring nonlinear resonators. Physical Review A, 2013, 88, .	1.0	27

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127	Nonlinear modes in binary bosonic condensates with pseudo spin-orbital coupling. Physical Review A, 2013, 88, .	1.0	50
128	Parity-time-symmetric optical coupler with birefringent arms. Physical Review A, 2013, 87, .	1.0	22
129	Parity-time-symmetric coupler with \mathcal{PT} -symmetric potential. Physical Review A, 2013, 88, .	1.0	18
130	Instabilities, solitons and rogue waves in \mathcal{PT} -coupled nonlinear waveguides. Journal of Optics (United Kingdom), 2013, 15, 021001.	1.0	70
131	Discrete solitons in arrays of positive and negative index waveguides. Optics Letters, 2012, 37, 3930.	1.7	21
132	Light localization in nonuniformly randomized lattices. Optics Letters, 2012, 37, 286.	1.7	20
133	Compactons and bistability in exciton-polariton condensates. Physical Review B, 2012, 86, .	1.1	9
134	Macroscopic Zeno Effect and Stationary Flows in Nonlinear Waveguides with Localized Dissipation. Physical Review Letters, 2012, 109, 020405.	2.9	48
135	Gap solitons in nonlinear periodic \mathcal{PT} -symmetric systems. Physical Review A, 2012, 85, .	1.0	18
136	Two-dimensional superfluid flows in inhomogeneous Bose-Einstein condensates. Physical Review E, 2012, 85, 016601.	0.8	15
137	Guided Modes and Symmetry Breaking Supported by Localized Gain. Progress in Optical Science and Photonics, 2012, , 167-200.	0.3	3
138	Nonlinear Modes in Finite-Dimensional \mathcal{PT} -Symmetric Systems. Physical Review Letters, 2012, 108, 213906.	2.9	146
139	Discrete solitons in chem \mathcal{PT} -symmetric lattices. Europhysics Letters, 2012, 100, 56006.	0.7	55
140	Giant amplification of modes in parity-time symmetric waveguides. Physics Letters, Section A: General, Atomic and Solid State Physics, 2012, 376, 2750-2753.	0.9	51
141	Nondecaying Bloch modes of a dissipative lattice. Europhysics Letters, 2012, 99, 60005.	0.7	2
142	Localized modes in \mathcal{PT} -symmetric localized potential. Physical Review A, 2012, 86, .	1.0	43
143	Nonlinear modes in the harmonic \mathcal{PT} -symmetric potential. Physical Review A, 2012, 85, .	1.0	109
144	Stability of solitons in \mathcal{PT} -symmetric nonlinear potentials. Europhysics Letters, 2011, 96, 64003.	0.7	73

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145	Spatial solitons in a three-level atomic medium supported by a Laguerre-Gaussian control beam. <i>Physical Review A</i> , 2011, 83, .	1.0	18
146	Superfluidity of Bose-Einstein condensates in toroidal traps with nonlinear lattices. <i>Physical Review A</i> , 2011, 84, .	1.0	20
147	Two-dimensional dissipative solitons supported by localized gain. <i>Optics Letters</i> , 2011, 36, 82.	1.7	34
148	Solitons in a medium with linear dissipation and localized gain. <i>Optics Letters</i> , 2011, 36, 1200.	1.7	48
149	Linear superpositions of gap solitons in periodic Kerr media. <i>Optics Letters</i> , 2011, 36, 2856.	1.7	4
150	Zeno effect and switching of solitons in nonlinear couplers. <i>Optics Letters</i> , 2011, 36, 4566.	1.7	67
151	Modulational instability in a passive fiber cavity, revisited. <i>Optics Letters</i> , 2011, 36, 4623.	1.7	7
152	Solitons in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle \text{mml:mrow}\langle \text{mml:mrow}\langle \text{mml:mi mathvariant="script"}\text{PT}\langle \text{mml:mi}\rangle \langle \text{mml:mrow}\rangle \langle \text{mml:mrow}\rangle \langle \text{mml:math}\rangle$ -symmetric nonlinear lattices. <i>Physical Review A</i> , 2011, 83, .	1.0	265
153	Rogue waves as energy concentrators in arrays of coupled nonlinear waveguides. <i>Proceedings of SPIE</i> , 2011, , .	0.8	0
154	Linear and nonlinear Zeno effects in an optical coupler. <i>Physical Review A</i> , 2011, 83, .	1.0	18
155	Symmetry breaking and multi-peaked solitons in inhomogeneous gain landscapes. <i>Physical Review A</i> , 2011, 83, .	1.0	35
156	Inhomogeneous dark states of atomic-molecular Bose-Einstein condensates in trapping potentials. <i>Physical Review A</i> , 2011, 83, .	1.0	4
157	Generation of spatial solitons by a localized active cluster. <i>Physical Review E</i> , 2011, 84, 066606.	0.8	1
158	Stable fundamental and vortex solitons supported by localized gain. , 2011, , .		0
159	Linear superpositions of nonlinear matter waves in optical lattices. <i>Europhysics Letters</i> , 2011, 93, 30003.	0.7	5
160	Vector rogue waves in binary mixtures of Bose-Einstein condensates. <i>European Physical Journal: Special Topics</i> , 2010, 185, 169-180.	1.2	185
161	Dynamics of inhomogeneous condensates in contact with a surface. <i>Physical Review A</i> , 2010, 81, .	1.0	13
162	All-optical steering of light via spatial Bloch oscillations in a gas of three-level atoms. <i>Physical Review A</i> , 2010, 81, .	1.0	19

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163	Matter waves and quantum tunneling engineered by time-dependent interactions. <i>Physical Review A</i> , 2010, 81, .	1.0	6
164	Nonlinear patterns in Bose-Einstein condensates in dissipative optical lattices. <i>Physical Review A</i> , 2010, 81, .	1.0	38
165	Control of a Bose-Einstein condensate by dissipation: Nonlinear Zeno effect. <i>Physical Review A</i> , 2010, 81, .	1.0	43
166	Dissipative surface solitons in periodic structures. <i>Europhysics Letters</i> , 2010, 91, 34003.	0.7	29
167	Nonlinear modes in a complex parabolic potential. <i>Physical Review A</i> , 2010, 81, .	1.0	20
168	Dissipative double-well potential: Nonlinear stationary and pulsating modes. <i>Physical Review E</i> , 2010, 82, 056213.	0.8	13
169	Dissipative periodic waves, solitons, and breathers of the nonlinear Schrödinger equation with complex potentials. <i>Physical Review E</i> , 2010, 82, 056606.	0.8	85
170	Dissipative defect modes in periodic structures. <i>Optics Letters</i> , 2010, 35, 1638.	1.7	49
171	Vortex lattice solitons supported by localized gain. <i>Optics Letters</i> , 2010, 35, 3177.	1.7	15
172	Thresholdless surface solitons. <i>Optics Letters</i> , 2010, 35, 3339.	1.7	7
173	Three-dimensional rogue waves in nonstationary parabolic potentials. <i>Physical Review E</i> , 2010, 82, 036610.	0.8	121
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175	Gap vortex solitons in periodic media with quadratic nonlinearity. <i>Physical Review A</i> , 2009, 80, .	1.0	7
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