

Dimitri J Frantzeskakis

List of Publications by Year in descending order

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163
papers

6,105
citations

81434

41
h-index

93651

72
g-index

163
all docs

163
docs citations

163
times ranked

2190
citing authors

#	ARTICLE	IF	CITATIONS
1	Dark solitons in a trapped gas of long-range interacting bosons. <i>Physical Review A</i> , 2022, 105, .	1.0	1
2	Kink-antikink stripe interactions in the two-dimensional sine-Gordon equation. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2022, 109, 106123.	1.7	5
3	Extended shallow water wave equations. <i>Wave Motion</i> , 2022, 112, 102934.	1.0	7
4	Breather stripes and radial breathers of the two-dimensional sine-Gordon equation. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2021, 94, 105596.	1.7	9
5	Dynamics of a Higher-Order Ginzburg-Landau-Type Equation. <i>Springer Optimization and Its Applications</i> , 2021, , 187-207.	0.6	0
6	Universal reductions and solitary waves of weakly nonlocal defocusing nonlinear Schrödinger equations. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2021, 54, 085702.	0.7	6
7	High-amplitude sound propagation in acoustic transmission-line metamaterial. <i>Applied Physics Letters</i> , 2021, 118, .	1.5	6
8	Nematic Dispersive Shock Waves from Nonlocal to Local. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4736.	1.3	7
9	Pairwise interactions of ring dark solitons with vortices and other rings: Stationary states, stability features, and nonlinear dynamics. <i>Physical Review A</i> , 2021, 104, .	1.0	3
10	Higher-dimensional extended shallow water equations and resonant soliton radiation. <i>Physical Review Fluids</i> , 2021, 6, .	1.0	3
11	Transverse instability and dynamics of nonlocal bright solitons. <i>Physical Review E</i> , 2021, 104, 064205.	0.8	1
12	A Davey-Stewartson description of two-dimensional solitons in nonlocal media. <i>Studies in Applied Mathematics</i> , 2020, 144, 3-17.	1.1	13
13	Solitary and periodic waves in collisionless plasmas: The Adlam-Allen model revisited. <i>Physical Review E</i> , 2020, 102, 013209.	0.8	7
14	Multiscale expansions of vector solitons of a two-dimensional nonlocal nonlinear Schrödinger system. <i>Studies in Applied Mathematics</i> , 2020, 145, 739-764.	1.1	5
15	Transverse dynamics of vector solitons in defocusing nonlocal media. <i>European Physical Journal Plus</i> , 2020, 135, 1.	1.2	1
16	Soliton pairs in two-dimensional nonlocal media. <i>Physical Review E</i> , 2020, 101, 042208.	0.8	5
17	Propagation of periodic wave trains along the magnetic field in a collision-free plasma. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2020, 53, 425701.	0.7	3
18	Rogue waves and periodic solutions of a nonlocal nonlinear Schrödinger model. <i>Physical Review Research</i> , 2020, 2, .	1.3	8

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19	Two-dimensional rogue waves on zero background in a Benney-Roskes model. <i>Physical Review Research</i> , 2020, 2, .	1.3	24
20	On the formation of gap solitons in nonlinear electromagnetic metamaterials. <i>Mathematical Methods in the Applied Sciences</i> , 2019, 42, 7326-7334.	1.2	0
21	Patterns of water in light. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2019, 475, 20190110.	1.0	6
22	Dynamics of interacting dark soliton stripes. <i>Physical Review A</i> , 2019, 100, .	1.0	6
23	Interactions and scattering of quantum vortices in a polariton fluid. <i>Nature Communications</i> , 2018, 9, 1467.	5.8	46
24	Three-Component Soliton States in Spinor $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">F \langle \text{mml:mi} \rangle = \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 1 \langle \text{mml:mn} \rangle \langle \text{mml:math} \rangle$ Bose-Einstein Condensates. <i>Physical Review Letters</i> , 2018, 120, 063202.	2.9	89
25	Bright breathers in nonlinear left-handed metamaterial lattices. <i>Physica Scripta</i> , 2018, 93, 025202.	1.2	12
26	Modeling of ultrashort pulse propagation in lossy nonlinear metamaterials. <i>Mathematical Methods in the Applied Sciences</i> , 2018, 41, 952-958.	1.2	5
27	Gap Solitons in Double-Lorentz Nonlinear Metamaterials. , 2018, , .		0
28	Dark Solitons in Acoustic Transmission Line Metamaterials. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 1186.	1.3	11
29	Hydrodynamics and two-dimensional dark lump solitons for polariton superfluids. <i>Physical Review E</i> , 2018, 98, 022205.	0.8	6
30	Second-Harmonic Generation in Acoustic Waveguides Loaded with an Array of Side Holes. <i>Acta Acustica United With Acustica</i> , 2018, 104, 235-242.	0.8	5
31	Adiabatic invariant analysis of dark and dark-bright soliton stripes in two-dimensional Bose-Einstein condensates. <i>Physical Review A</i> , 2018, 97, .	1.0	7
32	Stability of single and multiple matter-wave dark solitons in collisionally inhomogeneous Bose-Einstein condensates. <i>International Journal of Modern Physics B</i> , 2017, 31, 1742013.	1.0	6
33	From solitons to rogue waves in nonlinear left-handed metamaterials. <i>Physical Review E</i> , 2017, 95, 032223.	0.8	27
34	Vortex precession dynamics in general radially symmetric potential traps in two-dimensional atomic Bose-Einstein condensates. <i>Physical Review A</i> , 2017, 96, .	1.0	11
35	A Korteweg-de Vries description of dark solitons in polariton superfluids. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2017, 381, 3805-3811.	0.9	5
36	Bright and gap solitons in membrane-type acoustic metamaterials. <i>Physical Review E</i> , 2017, 96, 022214.	0.8	14

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37	Light Meets Water in Nonlocal Media: Surface Tension Analogue in Optics. <i>Physical Review Letters</i> , 2017, 118, 243903.	2.9	30
38	Adiabatic Invariant Approach to Transverse Instability: Landau Dynamics of Soliton Filaments. <i>Physical Review Letters</i> , 2017, 118, 244101.	2.9	23
39	Single and multiple vortex rings in three-dimensional Bose-Einstein condensates: Existence, stability, and dynamics. <i>Physical Review A</i> , 2017, 95, .	1.0	24
40	Floquet analysis of Kuznetsov-Ma breathers: A path towards spectral stability of rogue waves. <i>Physical Review E</i> , 2017, 96, 012202.	0.8	24
41	Spatiotemporal algebraically localized waveforms for a nonlinear Schrödinger model with gain and loss. <i>Physica D: Nonlinear Phenomena</i> , 2017, 355, 24-33.	1.3	7
42	An extended study of extreme multistability in a memristive circuit. , 2017, , .		1
43	Dark solitons near potential and nonlinearity steps. <i>Physical Review A</i> , 2016, 94, .	1.0	8
44	Asymptotic reductions and solitons of nonlocal nonlinear Schrödinger equations. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2016, 49, 205202.	0.7	22
45	Vortex-soliton complexes in coupled nonlinear Schrödinger equations with unequal dispersion coefficients. <i>Physical Review E</i> , 2016, 94, 022207.	0.8	13
46	Solitons in coupled nonlinear Schrödinger models: A survey of recent developments. <i>Reviews in Physics</i> , 2016, 1, 140-153.	4.4	134
47	Dark spherical shell solitons in three-dimensional Bose-Einstein condensates: Existence, stability, and dynamics. <i>Physical Review A</i> , 2016, 93, .	1.0	21
48	SO(2)-induced breathing patterns in multicomponent Bose-Einstein condensates. <i>Physical Review A</i> , 2016, 93, .	1.0	26
49	Dynamical playground of a higher-order cubic Ginzburg-Landau equation: From orbital connections and limit cycles to invariant tori and the onset of chaos. <i>Physical Review E</i> , 2016, 94, 012210.	0.8	10
50	Vector nematicons: Coupled spatial solitons in nematic liquid crystals. <i>Physical Review A</i> , 2016, 94, .	1.0	10
51	Collapse for the higher-order nonlinear Schrödinger equation. <i>Physica D: Nonlinear Phenomena</i> , 2016, 316, 57-68.	1.3	5
52	Ring dark and antidark solitons in nonlocal media. <i>Optics Letters</i> , 2016, 41, 583.	1.7	62
53	Stabilization of ring dark solitons in Bose-Einstein condensates. <i>Physical Review A</i> , 2015, 92, .	1.0	19
54	Bifurcation and stability of single and multiple vortex rings in three-dimensional Bose-Einstein condensates. <i>Physical Review A</i> , 2015, 92, .	1.0	15

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55	Robust vortex lines, vortex rings, and hopfions in three-dimensional Bose-Einstein condensates. Physical Review A, 2015, 92, .	1.0	17
56	Acoustic solitons in waveguides with Helmholtz resonators: Transmission line approach. Physical Review E, 2015, 91, 023204.	0.8	20
57	Dark-bright solitons in coupled nonlinear Schrödinger equations with unequal dispersion coefficients. Physical Review E, 2015, 91, 012924.	0.8	21
58	Dark-bright solitons and their lattices in atomic Bose-Einstein condensates. Physical Review A, 2015, 91, .	1.0	22
59	Solitons and vortices in two-dimensional discrete nonlinear Schrödinger systems with spatially modulated nonlinearity. Physical Review E, 2015, 91, 043201.	0.8	12
60	Scattering of matter waves in spatially inhomogeneous environments. Physical Review A, 2015, 91, .	1.0	5
61	Conservation laws, exact traveling waves and modulation instability for an extended nonlinear Schrödinger equation. Journal of Physics A: Mathematical and Theoretical, 2015, 48, 355205.	0.7	9
62	The Defocusing Nonlinear Schrödinger Equation. , 2015, , .		130
63	Traveling waves of the regularized short pulse equation. Journal of Physics A: Mathematical and Theoretical, 2014, 47, 315204.	0.7	6
64	Bifurcation Results for Traveling Waves in Nonlinear Magnetic Metamaterials. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2014, 24, 1450147.	0.7	4
65	Vector rogue waves and dark-bright boomeronic solitons in autonomous and nonautonomous settings. Physical Review E, 2014, 90, 042912.	0.8	14
66	Exploring vortex dynamics in the presence of dissipation: Analytical and numerical results. Physical Review A, 2014, 89, .	1.0	28
67	From nodeless clouds and vortices to gray ring solitons and symmetry-broken states in two-dimensional polariton condensates. Journal of Physics Condensed Matter, 2014, 26, 155801.	0.7	14
68	Beating dark-dark solitons and <i>Zitterbewegung</i> in spin-orbit-coupled Bose-Einstein condensates. Physical Review A, 2014, 89, .	1.0	22
69	Coupled backward- and forward-propagating solitons in a composite right- and left-handed transmission line. Physical Review E, 2013, 88, 013203.	0.8	37
70	Scattering of atomic dark-bright solitons from narrow impurities. Journal of Physics B: Atomic, Molecular and Optical Physics, 2013, 46, 065302.	0.6	38
71	Matter-wave solitons in the counterflow of two immiscible superfluids. Physical Review A, 2013, 87, .	1.0	13
72	Dark solitons in the presence of higher-order effects. Optics Letters, 2013, 38, 5098.	1.7	9

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73	Dark solitons of the power-energy saturation model: application to mode-locked lasers. Journal of Physics A: Mathematical and Theoretical, 2013, 46, 095201.	0.7	15
74	Oscillons and oscillating kinks in the Abelian-Higgs model. Physical Review D, 2013, 88, .	1.6	17
75	Dynamics of a Few Corotating Vortices in Bose-Einstein Condensates. Physical Review Letters, 2013, 110, 225301.	2.9	89
76	Dark solitons and vortices 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 nonlinear media: From spontaneous symmetry breaking to nonlinear $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi mathvariant="script"} \rangle \text{PT} \langle / \text{mml:mi} \rangle \langle / \text{mml:math} \rangle$ phase transitions. Physical Review A, 2012, 86, .	1.0	148
77	Multiscale perturbative approach to SU(2)-Higgs classical dynamics: Stability of nonlinear plane waves and bounds of the Higgs field mass. Physical Review D, 2012, 85, .	1.6	6
78	Ultrashort pulses and short-pulse equations in 2+1 dimensions. Physical Review A, 2012, 86, .	1.0	9
79	Finite-temperature dynamics of matter-wave dark solitons in linear and periodic potentials: An example of an antidamped Josephson junction. Physical Review A, 2012, 86, .	1.0	1
80	Beating dark "dark solitons in Bose "Einstein condensates. Journal of Physics B: Atomic, Molecular and Optical Physics, 2012, 45, 115301.	0.6	65
81	Vector solitons in nonlinear isotropic chiral metamaterials. Journal of Physics A: Mathematical and Theoretical, 2011, 44, 435203.	0.7	21
82	Nonlinear wave propagation in negative index metamaterials. , 2011, , .		0
83	Dynamics of dark "bright solitons in cigar-shaped Bose "Einstein condensates. Physics Letters, Section A: General, Atomic and Solid State Physics, 2011, 375, 642-646.	0.9	92
84	Backward-wave propagation and discrete solitons in a left-handed electrical lattice. Physics Letters, Section A: General, Atomic and Solid State Physics, 2011, 375, 1242-1248.	0.9	55
85	Dynamics of vortex dipoles in confined Bose "Einstein condensates. Physics Letters, Section A: General, Atomic and Solid State Physics, 2011, 375, 3044-3050.	0.9	72
86	Multiple dark-bright solitons in atomic Bose-Einstein condensates. Physical Review A, 2011, 84, .	1.0	83
87	Statics and dynamics of atomic dark-bright solitons in the presence of impurities. Physical Review A, 2011, 84, .	1.0	26
88	Guiding-center dynamics of vortex dipoles in Bose-Einstein condensates. Physical Review A, 2011, 84, .	1.0	104
89	Nonlinear excitations, stability inversions, and dissipative dynamics in quasi-one-dimensional polariton condensates. Physical Review B, 2011, 83, .	1.1	14
90	Quasidiscrete microwave solitons in a split-ring-resonator-based left-handed coplanar waveguide. Physical Review E, 2011, 83, 046608.	0.8	29

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91	Perturbations of dark solitons. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2011, 467, 2597-2621.	1.0	33
92	Stationary states of a nonlinear Schrödinger lattice with a harmonic trap. Journal of Mathematical Physics, 2011, 52, 092701.	0.5	7
93	Bifurcations, stability, and dynamics of multiple matter-wave vortex states. Physical Review A, 2010, 82, .	1.0	65
94	On some single-hump solutions of the short-pulse equation and their periodic generalizations. Physics Letters, Section A: General, Atomic and Solid State Physics, 2010, 374, 2964-2967.	0.9	9
95	Short pulse equations and localized structures in frequency band gaps of nonlinear metamaterials. Physics Letters, Section A: General, Atomic and Solid State Physics, 2010, 374, 1384-1388.	0.9	32
96	Controlling the transverse instability of dark solitons and nucleation of vortices by a potential barrier. Physical Review A, 2010, 82, .	1.0	49
97	Multiple atomic dark solitons in cigar-shaped Bose-Einstein condensates. Physical Review A, 2010, 81, .	1.0	112
98	Dark solitons in cigar-shaped Bose-Einstein condensates in double-well potentials. Physical Review A, 2010, 81, .	1.0	16
99	Dark solitons in atomic Bose-Einstein condensates: from theory to experiments. Journal of Physics A: Mathematical and Theoretical, 2010, 43, 213001.	0.7	422
100	Solitons in quasi-one-dimensional Bose-Einstein condensates with competing dipolar and local interactions. Physical Review A, 2009, 79, .	1.0	93
101	Wave patterns generated by a supersonic moving body in a binary Bose-Einstein condensate. Physical Review A, 2009, 79, .	1.0	28
102	Matter-wave solitons in the presence of collisional inhomogeneities: Perturbation theory and the impact of derivative terms. Physics Letters, Section A: General, Atomic and Solid State Physics, 2009, 373, 262-268.	0.9	2
103	Higher-order effects and ultrashort solitons in left-handed metamaterials. Physical Review E, 2009, 79, 037601.	0.8	70
104	Spinor Bose-Einstein condensate flow past an obstacle. Physical Review A, 2009, 79, .	1.0	17
105	From Feshbach-resonance managed Bose-Einstein condensates to anisotropic universes: Applications of the Ermakov-Pinney equation with time-dependent nonlinearity. Physics Letters, Section A: General, Atomic and Solid State Physics, 2008, 372, 277-283.	0.9	2
106	Nonlinear waves in Bose-Einstein condensates: physical relevance and mathematical techniques. Nonlinearity, 2008, 21, R139-R202.	0.6	279
107	Radially symmetric nonlinear states of harmonically trapped Bose-Einstein condensates. Physical Review A, 2008, 77, .	1.0	43
108	Experimental Observation of Oscillating and Interacting Matter Wave Dark Solitons. Physical Review Letters, 2008, 101, 130401.	2.9	252

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109	Matter-wave solitons with a periodic, piecewise-constant scattering length. <i>Physical Review A</i> , 2008, 78, .	1.0	45
110	Vortex structures formed by the interference of sliced condensates. <i>Physical Review A</i> , 2008, 77, .	1.0	28
111	Rabi switch of condensate wave functions in a multicomponent Bose gas. <i>Physical Review A</i> , 2008, 78, .	1.0	33
112	Dynamics of vortex formation in merging Bose-Einstein condensate fragments. <i>Physical Review A</i> , 2008, 77, .	1.0	50
113	ÄEerenkov-like radiation in a binary superfluid flow past an obstacle. <i>Physical Review A</i> , 2007, 75, .	1.0	28
114	Soliton oscillations in collisionally inhomogeneous attractive Bose-Einstein condensates. <i>Physical Review A</i> , 2007, 76, .	1.0	33
115	Dark matter-wave solitons in the dimensionality crossover. <i>Physical Review A</i> , 2007, 76, .	1.0	33
116	Polarized states and domain walls in spinor Bose-Einstein condensates. <i>Physical Review A</i> , 2007, 76, .	1.0	28
117	Nonequilibrium Dynamics and Superfluid Ring Excitations in Binary Bose-Einstein Condensates. <i>Physical Review Letters</i> , 2007, 99, 190402.	2.9	171
118	Modulational instability in nonlinearity-managed optical media. <i>Physical Review A</i> , 2007, 75, .	1.0	25
119	Modulated amplitude waves in collisionally inhomogeneous Bose-Einstein condensates. <i>Physica D: Nonlinear Phenomena</i> , 2007, 229, 104-115.	1.3	45
120	From Feshbach-resonance managed Bose-Einstein condensates to anisotropic universes: Applications of the Ermakov-Pinney equation with time-dependent nonlinearity. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2007, 367, 140-148.	0.9	16
121	Existence of bound states of a polaron with a breather in soft potentials. <i>Physical Review B</i> , 2006, 74, .	1.1	14
122	Dynamical trapping and transmission of matter-wave solitons in a collisionally inhomogeneous environment. <i>Physical Review A</i> , 2006, 74, .	1.0	43
123	Spatiotemporal solitons in birefringent media near the zero-dispersion point. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2006, 23, 1911.	0.9	2
124	Asymptotic reductions of two coupled (2 + 1)-dimensional nonlinear Schrödinger equations: application to Bose-Einstein condensates. <i>Journal of Physics A</i> , 2006, 39, 7705-7718.	1.6	22
125	Fractional-period excitations in continuum periodic systems. <i>Physical Review A</i> , 2006, 74, .	1.0	1
126	Statics, dynamics, and manipulations of bright matter-wave solitons in optical lattices. <i>Physical Review A</i> , 2005, 71, .	1.0	37

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127	Lagrangian approach to the dynamics of dark matter-wave solitons. Physical Review A, 2005, 72, .	1.0	49
128	Matter-wave solitons of collisionally inhomogeneous condensates. Physical Review A, 2005, 72, .	1.0	126
129	Avoiding infrared catastrophes in trapped Bose-Einstein condensates. Physical Review A, 2004, 70, .	1.0	30
130	Dynamics of shallow dark solitons in a trapped gas of impenetrable bosons. Physical Review A, 2004, 70, .	1.0	42
131	Linearly coupled Bose-Einstein condensates: From Rabi oscillations and quasiperiodic solutions to oscillating domain walls and spiral waves. Physical Review A, 2004, 70, .	1.0	59
132	Modulational Instability in Bose-Einstein Condensates under Feshbach Resonance Management. Physica Scripta, 2004, T107, 27.	1.2	17
133	VORTICES IN BOSE-EINSTEIN CONDENSATES: SOME RECENT DEVELOPMENTS. Modern Physics Letters B, 2004, 18, 1481-1505.	1.0	85
134	Families of matter-waves in two-component Bose-Einstein condensates. European Physical Journal D, 2004, 28, 181-185.	0.6	99
135	On Equilibria of the Two-fluid Model in Magnetohydrodynamics. Mathematical Physics Analysis and Geometry, 2004, 7, 97-117.	0.4	0
136	Hamiltonian averaging for solitons with nonlinearity management. Physical Review E, 2004, 70, 047604.	0.8	43
137	PATTERN FORMING DYNAMICAL INSTABILITIES OF BOSE-EINSTEIN CONDENSATES. Modern Physics Letters B, 2004, 18, 173-202.	1.0	171
138	Static and rotating domain-wall cross patterns in Bose-Einstein condensates. Physical Review A, 2004, 70, .	1.0	52
139	THREE-DIMENSIONAL SOLITARY WAVES AND VORTICES IN A DISCRETE NONLINEAR SCHRÖDINGER LATTICE. , 2004, , .		0
140	Feshbach Resonance Management for Bose-Einstein Condensates. Physical Review Letters, 2003, 90, 230401.	2.9	246
141	Averaging for Solitons with Nonlinearity Management. Physical Review Letters, 2003, 91, 240201.	2.9	90
142	On the Error of the Optical Response Approximation in Chiral Media. Applicable Analysis, 2003, 82, 839-856.	0.6	21
143	Modulational instability of Gross-Pitaevskii-type equations in 1+1 dimensions. Physical Review A, 2003, 67, .	1.0	133
144	Stability of dark solitons in a Bose-Einstein condensate trapped in an optical lattice. Physical Review A, 2003, 68, .	1.0	72

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145	Ring Dark Solitons and Vortex Necklaces in Bose-Einstein Condensates. Physical Review Letters, 2003, 90, 120403.	2.9	173
146	Reply to "Comment on "Localized vortices with a semi-integer charge in nonlinear dynamical lattices" Physical Review E, 2002, 66, .	0.8	0
147	Interaction of dark solitons with localized impurities in Bose-Einstein condensates. Physical Review A, 2002, 66, .	1.0	95
148	MATHEMATICAL MODELLING OF NONLINEAR TIME-DISPERSIVE CHIRAL MEDIA. , 2002, , .		0
149	Vector solitons supported by the third-order dispersion. Physics Letters, Section A: General, Atomic and Solid State Physics, 2001, 285, 363-367.	0.9	11
150	Head-on collisions of ring dark solitons. Physics Letters, Section A: General, Atomic and Solid State Physics, 2001, 285, 157-164.	0.9	31
151	Collisions between spatiotemporal solitons of different dimensionality in a planar waveguide. Physical Review E, 2001, 64, 026604.	0.8	30
152	Stabilization of dark solitons in the cubic Ginzburg-Landau equation. Physical Review E, 2000, 62, 7410-7414.	0.8	19
153	Dissipative solitons under the action of the third-order dispersion. Physical Review E, 1999, 60, 3324-3331.	0.8	11
154	Multiscale expansions for a generalized cylindrical nonlinear Schrödinger equation. Physics Letters, Section A: General, Atomic and Solid State Physics, 1999, 264, 179-185.	0.9	28
155	Stable anti-dark light bullets supported by the third-order dispersion. Physics Letters, Section A: General, Atomic and Solid State Physics, 1998, 248, 203-207.	0.9	26
156	Phase plane Stäckel potential dynamics of the Manakov system. Physical Review E, 1998, 58, 1112-1124.	0.8	7
157	Covariant formulation of photon acceleration. Journal of Plasma Physics, 1997, 58, 647-654.	0.7	3
158	Exact travelling wave solutions for a generalized nonlinear Schrödinger equation. Journal of Physics A, 1996, 29, 7687-7703.	1.6	23
159	Relativistic theory of frequency blue-shift of an intense ionizing laser beam in a plasma. IEEE Transactions on Plasma Science, 1996, 24, 323-330.	0.6	2
160	Small-amplitude solitary structures for an extended nonlinear Schrödinger equation. Journal of Physics A, 1996, 29, 3631-3639.	1.6	35
161	Spectral analysis of solitary wave propagation near the zero dispersion point. , 0, , .		0
162	The perturbed manakov-stackel system. , 0, , .		0

#	ARTICLE	IF	CITATIONS
163	Solitons in two-dimensional arrays of ℓ^2 /sup (2)/ waveguides. , 0, , .		0