

Milivoj R Belic

List of Publications by Year in descending order

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all docs

518
docs citations

518
times ranked

3104
citing authors

#	ARTICLE	IF	CITATIONS
1	Propagation Dynamics of a Light Beam in a Fractional Schrödinger Equation. Physical Review Letters, 2015, 115, 180403.	7.8	254
2	Roadmap on optical rogue waves and extreme events. Journal of Optics (United Kingdom), 2016, 18, 063001.	2.2	225
3	Optical solitons in nonlinear directional couplers by sine-cosine function method and Bernoulli's equation approach. Nonlinear Dynamics, 2015, 81, 1933-1949.	5.2	200
4	Analytical Light Bullet Solutions to the Generalized $\text{stretchy}="false">(\langle/mml:mo>\langle/mml:mn>3\langle/mml:mn>\langle/mml:mo>+\langle/mml:mo>\langle/mml:mn>1\langle/mml:mn>\langle/mml:mo>Tj\text{ET} @ q 0 0 \text{rg} \text{BT} / \text{Over}$ Review Letters, 2008, 101, 123904.		
5	Optical solitons for Lakshmanan-Porsezian-Daniel model by modified simple equation method. Optik, 2018, 160, 24-32.	2.9	161
6	Soliton pair generation in the interactions of Airy and nonlinear accelerating beams. Optics Letters, 2013, 38, 4585.	3.3	156
7	Interactions of Airy beams, nonlinear accelerating beams, and induced solitons in Kerr and saturable nonlinear media. Optics Express, 2014, 22, 7160.	3.4	149
8	Optical soliton perturbation with fractional-temporal evolution by first integral method with conformable fractional derivatives. Optik, 2016, 127, 10659-10669.	2.9	147
9	Optical solitons and conservation law of Kundu-Eckhaus equation. Optik, 2018, 154, 551-557.	2.9	139
10	PT symmetry in a fractional Schrödinger equation. Laser and Photonics Reviews, 2016, 10, 526-531.	8.7	136
11	Optical solitons with complex Ginzburg-Landau equation. Nonlinear Dynamics, 2016, 85, 1979-2016.	5.2	135
12	Cubic-quartic optical solitons in Kerr and power law media. Optik, 2017, 144, 357-362.	2.9	134
13	Optical soliton solutions to Fokas-lenells equation using some different methods. Optik, 2018, 173, 21-31.	2.9	132
14	Sub pico-second pulses in mono-mode optical fibers with Kaup-Newell equation by a couple of integration schemes. Optik, 2018, 167, 121-128.	2.9	130
15	Periodic inversion and phase transition of finite energy Airy beams in a medium with parabolic potential. Optics Express, 2015, 23, 10467.	3.4	128
16	Optical soliton perturbation for Radhakrishnan-Kundu-Lakshmanan equation with a couple of integration schemes. Optik, 2018, 163, 126-136.	2.9	128
17	Conservation laws for cubic-quartic optical solitons in Kerr and power law media. Optik, 2017, 145, 650-654.	2.9	127
18	Optical solitons and conservation laws with quadratic-cubic nonlinearity. Optik, 2017, 128, 63-70.	2.9	127

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19	Optical solitons in $(2+1)$ -Dimensions with Kundu-Mukherjee-Naskar equation by extended trial function scheme. Chinese Journal of Physics, 2019, 57, 72-77.	3.9	125
20	Mitigating Internet bottleneck with fractional temporal evolution of optical solitons having quadratic-cubic nonlinearity. Optik, 2018, 164, 84-92.	2.9	123
21	Resonant 1-soliton solution in anti-cubic nonlinear medium with perturbations. Optik, 2017, 145, 14-17.	2.9	122
22	Optical solitons in nano-fibers with spatio-temporal dispersion by trial solution method. Optik, 2016, 127, 7250-7257.	2.9	121
23	Optical solitons with differential group delay for coupled Fokas-Lenells equation using two integration schemes. Optik, 2018, 165, 74-86.	2.9	121
24	Perturbation theory and optical soliton cooling with anti-cubic nonlinearity. Optik, 2017, 142, 73-76.	2.9	120
25	Optical soliton perturbation with Fokas-Lenells equation using three exotic and efficient integration schemes. Optik, 2018, 165, 288-294.	2.9	119
26	Highly dispersive optical solitons with Kerr law nonlinearity by F-expansion. Optik, 2019, 181, 1028-1038.	2.9	118
27	Optical soliton perturbation for Gerdjikov-Ivanov equation via two analytical techniques. Chinese Journal of Physics, 2018, 56, 2879-2886.	3.9	116
28	Interaction properties of solitons in inhomogeneous optical fibers. Nonlinear Dynamics, 2019, 95, 557-563.	5.2	116
29	Highly dispersive optical solitons with cubic-quintic-septic law by F-expansion. Optik, 2019, 182, 897-906.	2.9	114
30	Dark and singular optical solitons with Kundu-Eckhaus equation by extended trial equation method and extended G^2/G -expansion scheme. Optik, 2016, 127, 10490-10497.	2.9	110
31	Solitons in magneto-optic waveguides by extended trial function scheme. Superlattices and Microstructures, 2017, 107, 197-218.	3.1	108
32	Optical soliton perturbation with anti-cubic nonlinearity by semi-inverse variational principle. Optik, 2017, 143, 131-134.	2.9	108
33	Resonant optical solitons with quadratic-cubic nonlinearity by semi-inverse variational principle. Optik, 2017, 145, 18-21.	2.9	107
34	Generation and control of multiple solitons under the influence of parameters. Nonlinear Dynamics, 2019, 95, 143-150.	5.2	106
35	Singular solitons in optical metamaterials by ansatz method and simplest equation approach. Journal of Modern Optics, 2014, 61, 1550-1555.	1.3	105
36	Cubic-quartic optical solitons in birefringent fibers with four forms of nonlinear refractive index by exp-function expansion. Results in Physics, 2020, 16, 102913.	4.1	98

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37	Bright and dark solitons in optical metamaterials. <i>Optik</i> , 2014, 125, 3299-3302.	2.9	95
38	Spatiotemporal accessible solitons in fractional dimensions. <i>Physical Review E</i> , 2016, 94, 012216.	2.1	95
39	Bright, dark, and singular solitons in optical fibers with spatio-temporal dispersion and spatially dependent coefficients. <i>Journal of Modern Optics</i> , 2016, 63, 950-954.	1.3	95
40	Optical solitons with quadratic-cubic nonlinearity by semi-inverse variational principle. <i>Optik</i> , 2017, 139, 16-19.	2.9	95
41	Exact spatial soliton solutions of the two-dimensional generalized nonlinear Schrödinger equation with distributed coefficients. <i>Physical Review A</i> , 2008, 78, .	2.5	93
42	Diffraction-free beams in fractional Schrödinger equation. <i>Scientific Reports</i> , 2016, 6, 23645.	3.3	90
43	Tunable invisibility cloaking by using isolated graphene-coated nanowires and dimers. <i>Scientific Reports</i> , 2017, 7, 12186.	3.3	83
44	Chirped femtosecond pulses in the higher-order nonlinear Schrödinger equation with non-Kerr nonlinear terms and cubic-quintic-septic nonlinearities. <i>Optics Communications</i> , 2016, 366, 362-369.	2.1	82
45	Optical soliton perturbation with full nonlinearity for Kundu-Eckhaus equation by modified simple equation method. <i>Optik</i> , 2018, 157, 1376-1380.	2.9	82
46	Optical soliton perturbation for complex Ginzburg-Landau equation with modified simple equation method. <i>Optik</i> , 2018, 158, 399-415.	2.9	80
47	Rogue wave solutions to the generalized nonlinear Schrödinger equation with variable coefficients. <i>Physical Review E</i> , 2013, 87, 065201.	2.1	74
48	Soliton solutions to resonant nonlinear schrodinger's equation with time-dependent coefficients by modified simple equation method. <i>Optik</i> , 2016, 127, 11450-11459.	2.9	72
49	Engineered surface waves in hyperbolic metamaterials. <i>Optics Express</i> , 2013, 21, 19113.	3.4	71
50	Three-dimensional optical vortex and necklace solitons in highly nonlocal nonlinear media. <i>Physical Review A</i> , 2009, 79, .	2.5	70
51	Photonic Floquet topological insulators in atomic ensembles. <i>Laser and Photonics Reviews</i> , 2015, 9, 331-338.	8.7	70
52	Two-dimensional accessible solitons in PT-symmetric potentials. <i>Nonlinear Dynamics</i> , 2012, 70, 2027-2034.	5.2	68
53	Nematicons in liquid crystals by extended trial equation method. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2017, 26, 1750005.	1.8	67
54	Optical solitons with Lakshmanan-Porsezian-Daniel model using a couple of integration schemes. <i>Optik</i> , 2018, 158, 705-711.	2.9	67

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55	Combined stimulated Raman scattering and continuum self-phase modulations. <i>Physical Review A</i> , 1980, 21, 1222-1224.	2.5	65
56	Accessible solitons of fractional dimension. <i>Annals of Physics</i> , 2016, 368, 110-116.	2.8	65
57	Nanoscale wear of graphene and wear protection by graphene. <i>Carbon</i> , 2017, 120, 137-144.	10.3	63
58	Soliton tunneling in the nonlinear Schrödinger equation with variable coefficients and an external harmonic potential. <i>Physical Review E</i> , 2010, 81, 056604.	2.1	62
59	Controllable circular Airy beams via dynamic linear potential. <i>Optics Express</i> , 2016, 24, 7495.	3.4	61
60	Optical solitons in DWDM system by extended trial equation method. <i>Optik</i> , 2017, 141, 157-167.	2.9	61
61	Optical solitons having weak non-local nonlinearity by two integration schemes. <i>Optik</i> , 2018, 164, 380-384.	2.9	61
62	Solitons in Optical Metamaterials by Functional Variable Method and First Integral Approach. <i>Frequenz</i> , 2014, 68, .	0.9	59
63	Anharmonic propagation of two-dimensional beams carrying orbital angular momentum in a harmonic potential. <i>Optics Letters</i> , 2015, 40, 3786.	3.3	58
64	Dispersive optical solitons with Schrödinger-Hirota equation by extended trial equation method. <i>Optik</i> , 2017, 136, 451-461.	2.9	56
65	Optical solitons for Lakshmanan-Porsezian-Daniel model with spatio-temporal dispersion using the method of undetermined coefficients. <i>Optik</i> , 2017, 144, 115-123.	2.9	56
66	Optical solitons with Kudryashov's equation by extended trial function. <i>Optik</i> , 2020, 202, 163290.	2.9	56
67	Optical solitons and conservation laws of Kudryashov's equation with improved modified extended tanh-function. <i>Optik</i> , 2021, 225, 165406.	2.9	55
68	Solitons and conservation laws in magneto-optic waveguides with triple-power law nonlinearity. <i>Journal of Optics (India)</i> , 2020, 49, 584-590.	1.7	54
69	Self-trapping of scalar and vector dipole solitary waves in Kerr media. <i>Physical Review A</i> , 2011, 83, .	2.5	52
70	Three-dimensional finite-energy Airy self-accelerating parabolic-cylinder light bullets. <i>Physical Review A</i> , 2013, 88, .	2.5	52
71	Perturbed dark and singular optical solitons in polarization preserving fibers by modified simple equation method. <i>Superlattices and Microstructures</i> , 2017, 111, 487-498.	3.1	52
72	Optical soliton perturbation with Gerdjikov-Ivanov equation by modified simple equation method. <i>Optik</i> , 2018, 157, 1235-1240.	2.9	52

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73	Highly dispersive optical solitons with quadratic-cubic law by F-expansion. <i>Optik</i> , 2019, 182, 930-943.	2.9	52
74	Nonlinear Talbot effect of rogue waves. <i>Physical Review E</i> , 2014, 89, 032902.	2.1	51
75	Optical soliton perturbation with resonant nonlinear Schrödinger's equation having full nonlinearity by modified simple equation method. <i>Optik</i> , 2018, 160, 33-43.	2.9	51
76	Resonant optical solitons with parabolic and dual-power laws by semi-inverse variational principle. <i>Journal of Modern Optics</i> , 2018, 65, 179-184.	1.3	51
77	Optical soliton perturbation, group invariants and conservation laws of perturbed Fokas's Lenells equation. <i>Chaos, Solitons and Fractals</i> , 2018, 114, 275-280.	5.1	51
78	Propagation properties of dipole-managed solitons through an inhomogeneous cubic-quintic-septic medium. <i>Optics Communications</i> , 2018, 425, 64-70.	2.1	51
79	Dark and singular dispersive optical solitons of Schrödinger-Hirota equation by modified simple equation method. <i>Optik</i> , 2017, 136, 445-450.	2.9	50
80	Unveiling the Link Between Fractional Schrödinger Equation and Light Propagation in Honeycomb Lattice. <i>Annalen Der Physik</i> , 2017, 529, 1700149.	2.4	50
81	Resonant mode conversions and Rabi oscillations in a fractional Schrödinger equation. <i>Optics Express</i> , 2017, 25, 32401.	3.4	50
82	Solitons in optical fiber Bragg gratings with dispersive reflectivity by extended trial function method. <i>Optik</i> , 2019, 182, 88-94.	2.9	50
83	Topological and singular soliton solution to Kundu-Eckhaus equation with extended Kudryashov's method. <i>Optik</i> , 2017, 128, 57-62.	2.9	49
84	Resonant optical solitons with dual-power law nonlinearity and fractional temporal evolution. <i>Optik</i> , 2018, 165, 233-239.	2.9	49
85	Chaos in photorefractive four-wave mixing with a single grating and a single interaction region. <i>Journal of the Optical Society of America B: Optical Physics</i> , 1990, 7, 1204.	2.1	48
86	Three-dimensional localized Airy-Laguerre-Gaussian wave packets in free space. <i>Optics Express</i> , 2015, 23, 23867.	3.4	48
87	Solitons for perturbed Gerdjikov-Ivanov equation in optical fibers and PCF by extended Kudryashov's method. <i>Optical and Quantum Electronics</i> , 2018, 50, 1.	3.3	48
88	Highly dispersive optical solitons with undetermined coefficients. <i>Optik</i> , 2019, 182, 890-896.	2.9	48
89	Optical soliton perturbation with Chen-Lee-Liu equation. <i>Optik</i> , 2020, 220, 165177.	2.9	48
90	Dispersive optical solitons with Schrödinger-Hirota model by trial equation method. <i>Optik</i> , 2018, 162, 35-41.	2.9	47

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91	Optical soliton perturbation with Radhakrishnanâ€“Kunduâ€“Lakshmanan equation by Lie group analysis. <i>Optik</i> , 2018, 163, 137-141.	2.9	47
92	Optical soliton perturbation with complex Ginzburgâ€“Landau equation using trial solution approach. <i>Optik</i> , 2018, 160, 44-60.	2.9	47
93	Chirped optical solitons of Chenâ€“Leeâ€“Liu equation by extended trial equation scheme. <i>Optik</i> , 2018, 156, 999-1006.	2.9	47
94	Automatic Fourier transform and self-Fourier beams due to parabolic potential. <i>Annals of Physics</i> , 2015, 363, 305-315.	2.8	46
95	Dark and singular optical solitons with spatio-temporal dispersion using modified simple equation method. <i>Optik</i> , 2017, 130, 324-331.	2.9	46
96	Optical solitons with Lakshmananâ€“Porsezianâ€“Daniel model by modified extended direct algebraic method. <i>Optik</i> , 2018, 162, 228-236.	2.9	46
97	Robust three-dimensional spatial soliton clusters in strongly nonlocal media. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2008, 41, 025402.	1.5	45
98	Chirped optical soliton propagation in birefringent fibers modeled by coupled Fokas-Lenells system. <i>Chaos, Solitons and Fractals</i> , 2022, 155, 111751.	5.1	45
99	Bright, dark and W-shaped solitons with extended nonlinear SchrÃ¶dinger's equation for odd and even higher-order terms. <i>Superlattices and Microstructures</i> , 2018, 114, 53-61.	3.1	44
100	Cubic-quartic bright optical solitons with improved Adomian decomposition method. <i>Journal of Advanced Research</i> , 2020, 21, 161-167.	9.5	44
101	Anderson localization of light in PT-symmetric optical lattices. <i>Optics Letters</i> , 2012, 37, 4455.	3.3	43
102	Solitons in optical metamaterials with fractional temporal evolution. <i>Optik</i> , 2016, 127, 10879-10897.	2.9	43
103	Analysis of optical solitons in nonlinear negative-indexed materials with anti-cubic nonlinearity. <i>Optical and Quantum Electronics</i> , 2018, 50, 1.	3.3	43
104	Optical soliton perturbation with full nonlinearity for Gerdjikovâ€“Ivanov equation by trial equation method. <i>Optik</i> , 2018, 157, 1214-1218.	2.9	43
105	Optical solitons with complex Ginzburgâ€“Landau equation for two nonlinear forms using F-expansion. <i>Chinese Journal of Physics</i> , 2019, 61, 255-261.	3.9	43
106	Anderson localization of light near boundaries of disordered photonic lattices. <i>Physical Review A</i> , 2011, 83, .	2.5	42
107	Solitons in Optical Metamaterials with Trial Solution Approach and BÃ¤cklund Transform of Riccati Equation. <i>Journal of Computational and Theoretical Nanoscience</i> , 2015, 12, 5940-5948.	0.4	42
108	Conservation laws for optical solitons with Chenâ€“Leeâ€“Liu equation. <i>Optik</i> , 2018, 174, 195-198.	2.9	42

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109	Optical Bloch oscillation and Zener tunneling in an atomic system. <i>Optica</i> , 2017, 4, 571.	9.3	41
110	Control of dark and anti-dark solitons in the (2+1)-dimensional coupled nonlinear Schrödinger equations with perturbed dispersion and nonlinearity in a nonlinear optical system. <i>Nonlinear Dynamics</i> , 2019, 97, 471-483.	5.2	41
111	Counterpropagating nematicons in bias-free liquid crystals. <i>Optics Express</i> , 2010, 18, 3258.	3.4	40
112	[INVITED] Soliton propagation through nanoscale waveguides in optical metamaterials. <i>Optics and Laser Technology</i> , 2016, 77, 177-186.	4.6	40
113	Highly dispersive optical solitons with cubic-quintic-septic law by exp-expansion. <i>Optik</i> , 2019, 186, 321-325.	2.9	40
114	Oblique resonant optical solitons with Kerr and parabolic law nonlinearities and fractional temporal evolution by generalized exp($\hat{\eta}^{\frac{1}{4}}$)-expansion. <i>Optik</i> , 2019, 178, 439-448.	2.9	40
115	Exact spatiotemporal wave and soliton solutions to the generalized (3+1)-dimensional Schrödinger equation for both normal and anomalous dispersion. <i>Optics Letters</i> , 2009, 34, 1609.	3.3	39
116	Chirped optical solitons in nano optical fibers with dual-power law nonlinearity. <i>Optik</i> , 2017, 142, 77-81.	2.9	39
117	Optical soliton perturbation in magneto-optic waveguides. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2018, 27, 1850005.	1.8	39
118	Chirped singular solitons for Chen-Lee-Liu equation in optical fibers and PCF. <i>Optik</i> , 2018, 157, 156-160.	2.9	39
119	Self-similar optical solitons with continuous-wave background in a quadratic-cubic non-centrosymmetric waveguide. <i>Optics Communications</i> , 2019, 437, 392-398.	2.1	39
120	Mean-Field Theory of Ferromagnetic Superconductors. <i>Physical Review Letters</i> , 1979, 42, 1015-1019.	7.8	38
121	Strain-enhanced superconductivity in Li-doped graphene. <i>Europhysics Letters</i> , 2014, 108, 67005.	2.0	38
122	Optical solitons for Lakshmanan-Porsezian-Daniel model by Riccati equation approach. <i>Optik</i> , 2019, 182, 922-929.	2.9	38
123	Optical dromions, domain walls and conservation laws with Kundu-Mukherjee-Naskar equation via traveling waves and Lie symmetry. <i>Results in Physics</i> , 2020, 16, 102850.	4.1	38
124	Cubic-quartic optical soliton perturbation with Lakshmanan-Porsezian-Daniel model by sine-Gordon equation approach. <i>Journal of Optics (India)</i> , 2021, 50, 322-329.	1.7	38
125	Rogue waves in a two-component Manakov system with variable coefficients and an external potential. <i>Physical Review E</i> , 2015, 92, 053201.	2.1	37
126	Optical soliton perturbation with quadratic-cubic nonlinearity using a couple of strategic algorithms. <i>Chinese Journal of Physics</i> , 2018, 56, 1990-1998.	3.9	37

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127	Light bullets in the spatiotemporal nonlinear Schrödinger equation with a variable negative diffraction coefficient. <i>Physical Review A</i> , 2011, 84, .	2.5	36
128	Nematicons in liquid crystals by modified simple equation method. <i>Nonlinear Dynamics</i> , 2017, 88, 2863-2872.	5.2	36
129	Optical solitons with DWDM technology and four-wave mixing. <i>Superlattices and Microstructures</i> , 2017, 107, 254-266.	3.1	36
130	Optical solitons to Lakshmanan-Porsezian-Daniel model for three nonlinear forms. <i>Optik</i> , 2018, 160, 197-202.	2.9	36
131	Optical soliton perturbation with full nonlinearity by trial equation method. <i>Optik</i> , 2018, 157, 1366-1375.	2.9	36
132	Optical soliton perturbation of Fokas-Lenells equation with two integration schemes. <i>Optik</i> , 2018, 165, 111-116.	2.9	36
133	Optical solitons with Kudryashov's equation by F-expansion. <i>Optik</i> , 2019, 199, 163338.	2.9	36
134	Chirped and chirp-free optical solitons with generalized anti-cubic nonlinearity by extended trial function scheme. <i>Optik</i> , 2019, 178, 636-644.	2.9	36
135	Spatiotemporal solitons in cold Rydberg atomic gases with Bessel optical lattices. <i>Applied Mathematics Letters</i> , 2020, 106, 106230.	2.7	36
136	Traveling wave and soliton solutions of coupled nonlinear Schrödinger equations with harmonic potential and variable coefficients. <i>Physical Review E</i> , 2010, 82, 047601.	2.1	35
137	Anatomy of the Akhmediev breather: Cascading instability, first formation time, and Fermi-Pasta-Ulam recurrence. <i>Physical Review E</i> , 2015, 92, 063202.	2.1	35
138	Conservation laws for optical solitons in birefringent fibers and magneto-optic waveguides. <i>Optik</i> , 2016, 127, 11662-11673.	2.9	35
139	Singular optical solitons in birefringent nano-fibers. <i>Optik</i> , 2016, 127, 8995-9000.	2.9	35
140	Solitons in nonlinear directional couplers with optical metamaterials. <i>Nonlinear Dynamics</i> , 2017, 87, 427-458.	5.2	35
141	Optical solitons and group invariant solutions to Lakshmanan-Porsezian-Daniel model in optical fibers and PCF. <i>Optik</i> , 2018, 160, 86-91.	2.9	35
142	Solitons in optical metamaterials with anti-cubic nonlinearity. <i>European Physical Journal Plus</i> , 2018, 133, 1.	2.6	35
143	Solitons in optical fiber Bragg gratings with dispersive reflectivity. <i>Optik</i> , 2019, 182, 119-123.	2.9	35
144	Optical solitons with Chen-Lee-Liu equation by Lie symmetry. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2020, 384, 126202.	2.1	35

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145	Special soliton structures in the (2+1)-dimensional nonlinear Schrödinger equation with radially variable diffraction and nonlinearity coefficients. Physical Review E, 2011, 83, 036603.	2.1	34
146	Transport properties in the photonic superhoneycomb lattice – a hybrid fermionic and bosonic system. Annalen Der Physik, 2017, 529, 1600258.	2.4	34
147	Optical Bloch oscillation and Zener tunneling in the fractional Schrödinger equation. Scientific Reports, 2017, 7, 17872.	3.3	34
148	Optical solitons with modified extended direct algebraic method for quadratic-cubic nonlinearity. Optik, 2018, 162, 161-171.	2.9	34
149	Optical solitons in birefringent fibers for Lakshmanan–Porsezian–Daniel model using $\exp(\hat{a}^{\sim}(\hat{1}^{3/4}))$ -expansion method. Optik, 2018, 170, 555-560.	2.9	34
150	Bright and singular optical solitons for Kaup–Newell equation with two fundamental integration norms. Optik, 2019, 182, 594-597.	2.9	34
151	Bright soliton interactions in a $(2 + 1)$ -dimensional fourth-order variable-coefficient nonlinear Schrödinger equation for the Heisenberg ferromagnetic spin chain. Nonlinear Dynamics, 2019, 95, 983-994.	5.2	34
152	Rotating vortex clusters in media with inhomogeneous defocusing nonlinearity. Optics Letters, 2017, 42, 446.	3.3	34
153	Optical solitons and conservation laws with anti-cubic nonlinearity. Optik, 2016, 127, 12056-12062.	2.9	33
154	Spatiotemporal soliton clusters in strongly nonlocal media with variable potential coefficients. Nonlinear Dynamics, 2017, 87, 827-834.	5.2	33
155	Bright optical solitons with Kerr law nonlinearity and fifth order dispersion. Optik, 2017, 128, 172-177.	2.9	33
156	Chirped w -shaped optical solitons of Chen–Lee–Liu equation. Optik, 2018, 155, 208-212.	2.9	33
157	Chirped dark and gray solitons for Chen–Lee–Liu equation in optical fibers and PCF. Optik, 2018, 155, 329-333.	2.9	33
158	Optical solitons in birefringent fibers with Lakshmanan–Porsezian–Daniel model by modified simple equation. Optik, 2019, 192, 162899.	2.9	33
159	Solitons and conservation laws in magneto-optic waveguides with generalized Kudryashov’s equation. Chinese Journal of Physics, 2021, 69, 186-205.	3.9	33
160	Solitons in highly nonlocal nematic liquid crystals: Variational approach. Physical Review A, 2012, 85, .	2.5	32
161	Controllable parabolic-cylinder optical rogue wave. Physical Review E, 2014, 90, 043201.	2.1	32
162	Three-dimensional Hermite-Bessel solitons in strongly nonlocal media with variable potential coefficients. Optics Communications, 2014, 313, 62-69.	2.1	32

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163	Accelerating Airyâ€“Gaussâ€“Kummer localized wave packets. <i>Annals of Physics</i> , 2014, 340, 171-178.	2.8	32
164	Highly dispersive optical solitons with non-local nonlinearity by exp-function. <i>Optik</i> , 2019, 186, 288-292.	2.9	32
165	Pure-cubic optical soliton perturbation with full nonlinearity by unified Riccati equation expansion. <i>Optik</i> , 2020, 223, 165445.	2.9	32
166	Solitons in magnetoâ€“optic waveguides with Kudryashovâ€™s law of refractive index. <i>Chaos, Solitons and Fractals</i> , 2020, 140, 110129.	5.1	32
167	Traveling and solitary wave solutions to the one-dimensional Gross-Pitaevskii equation. <i>Physical Review E</i> , 2010, 81, 016605.	2.1	31
168	Formic Acid Synthesis by CO ₂ Hydrogenation over Single-Atom Catalysts Based on Ru and Cu Embedded in Graphene. <i>ChemistrySelect</i> , 2018, 3, 2631-2637.	1.5	31
169	Optical solitons in fiber Bragg gratings with dispersive reflectivity for quadraticâ€“cubic nonlinearity by extended trial function method. <i>Optik</i> , 2019, 185, 50-56.	2.9	31
170	Optical solitons perturbation with Fokas-Lenells equation by $\exp(\hat{I}^{1/4})$ -expansion method. <i>Optik</i> , 2019, 179, 341-345.	2.9	31
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505	Anderson localization of counterpropagating beams in optically induced photonic lattices. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2011, 8, 2593-2596.	0.8	0
506	Surface vortex solitons near boundaries of photonic lattices. <i>Physica Scripta</i> , 2012, T149, 014040.	2.5	0
507	Anderson localization of light in photonic lattices for dimensional crossover. <i>Proceedings of SPIE</i> , 2012, , .	0.8	0
508	Dipole solitons in highly nonlocal nematic liquid crystals: finite size effects. <i>Physica Scripta</i> , 2014, T162, 014004.	2.5	0
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513	Multipole solitons in cold atomic gases with parity-time potential. <i>Optik</i> , 2021, 243, 167386.	2.9	0
514	Symmetries of photorefractive four-wave mixing. , 1995, , 281-284.		0
515	Asymmetric conical diffraction in dislocated edge-centered square lattices: erratum. <i>Optics Express</i> , 2019, 27, 24498.	3.4	0
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