

# Milivoj R Belic

## List of Publications by Year in descending order

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516  
papers

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20797

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518  
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.	2.9	254
2	Roadmap on optical rogue waves and extreme events. Journal of Optics (United Kingdom), 2016, 18, 063001.	1.0	225
3	Optical solitons in nonlinear directional couplers by sine-cosine function method and Bernoulli's equation approach. Nonlinear Dynamics, 2015, 81, 1933-1949.	2.7	200
4	Analytical Light Bullet Solutions to the Generalized $\text{stretchy}="false">(\langle/mml:mo>\langle/mml:mn>3\langle/mml:mn>\langle/mml:mo>+\langle/mml:mo>\langle/mml:mn>1\langle/mml:mn>\langle/mml:mo>Tj\text{ET} @ q 0 0 \text{rgBT} / \text{Over}$ Review Letters, 2008, 101, 123904.		
5	Optical solitons for Lakshmanan-Porsezian-Daniel model by modified simple equation method. Optik, 2018, 160, 24-32.	1.4	161
6	Soliton pair generation in the interactions of Airy and nonlinear accelerating beams. Optics Letters, 2013, 38, 4585.	1.7	156
7	Interactions of Airy beams, nonlinear accelerating beams, and induced solitons in Kerr and saturable nonlinear media. Optics Express, 2014, 22, 7160.	1.7	149
8	Optical soliton perturbation with fractional-temporal evolution by first integral method with conformable fractional derivatives. Optik, 2016, 127, 10659-10669.	1.4	147
9	Optical solitons and conservation law of Kundu-Eckhaus equation. Optik, 2018, 154, 551-557.	1.4	139
10	PT symmetry in a fractional Schrödinger equation. Laser and Photonics Reviews, 2016, 10, 526-531.	4.4	136
11	Optical solitons with complex Ginzburg-Landau equation. Nonlinear Dynamics, 2016, 85, 1979-2016.	2.7	135
12	Cubic-quartic optical solitons in Kerr and power law media. Optik, 2017, 144, 357-362.	1.4	134
13	Optical soliton solutions to Fokas-lenells equation using some different methods. Optik, 2018, 173, 21-31.	1.4	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.	1.4	130
15	Periodic inversion and phase transition of finite energy Airy beams in a medium with parabolic potential. Optics Express, 2015, 23, 10467.	1.7	128
16	Optical soliton perturbation for Radhakrishnan-Kundu-Lakshmanan equation with a couple of integration schemes. Optik, 2018, 163, 126-136.	1.4	128
17	Conservation laws for cubic-quartic optical solitons in Kerr and power law media. Optik, 2017, 145, 650-654.	1.4	127
18	Optical solitons and conservation laws with quadratic-cubic nonlinearity. Optik, 2017, 128, 63-70.	1.4	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.	2.0	125
20	Mitigating Internet bottleneck with fractional temporal evolution of optical solitons having quadratic-cubic nonlinearity. Optik, 2018, 164, 84-92.	1.4	123
21	Resonant 1-soliton solution in anti-cubic nonlinear medium with perturbations. Optik, 2017, 145, 14-17.	1.4	122
22	Optical solitons in nano-fibers with spatio-temporal dispersion by trial solution method. Optik, 2016, 127, 7250-7257.	1.4	121
23	Optical solitons with differential group delay for coupled Fokas-Lenells equation using two integration schemes. Optik, 2018, 165, 74-86.	1.4	121
24	Perturbation theory and optical soliton cooling with anti-cubic nonlinearity. Optik, 2017, 142, 73-76.	1.4	120
25	Optical soliton perturbation with Fokas-Lenells equation using three exotic and efficient integration schemes. Optik, 2018, 165, 288-294.	1.4	119
26	Highly dispersive optical solitons with Kerr law nonlinearity by F-expansion. Optik, 2019, 181, 1028-1038.	1.4	118
27	Optical soliton perturbation for Gerdjikov-Ivanov equation via two analytical techniques. Chinese Journal of Physics, 2018, 56, 2879-2886.	2.0	116
28	Interaction properties of solitons in inhomogeneous optical fibers. Nonlinear Dynamics, 2019, 95, 557-563.	2.7	116
29	Highly dispersive optical solitons with cubic-quintic-septic law by F-expansion. Optik, 2019, 182, 897-906.	1.4	114
30	Dark and singular optical solitons with Kundu-Eckhaus equation by extended trial equation method and extended G <sup>2</sup> /G-expansion scheme. Optik, 2016, 127, 10490-10497.	1.4	110
31	Solitons in magneto-optic waveguides by extended trial function scheme. Superlattices and Microstructures, 2017, 107, 197-218.	1.4	108
32	Optical soliton perturbation with anti-cubic nonlinearity by semi-inverse variational principle. Optik, 2017, 143, 131-134.	1.4	108
33	Resonant optical solitons with quadratic-cubic nonlinearity by semi-inverse variational principle. Optik, 2017, 145, 18-21.	1.4	107
34	Generation and control of multiple solitons under the influence of parameters. Nonlinear Dynamics, 2019, 95, 143-150.	2.7	106
35	Singular solitons in optical metamaterials by ansatz method and simplest equation approach. Journal of Modern Optics, 2014, 61, 1550-1555.	0.6	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.	2.0	98

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37	Bright and dark solitons in optical metamaterials. <i>Optik</i> , 2014, 125, 3299-3302.	1.4	95
38	Spatiotemporal accessible solitons in fractional dimensions. <i>Physical Review E</i> , 2016, 94, 012216.	0.8	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.	0.6	95
40	Optical solitons with quadratic-cubic nonlinearity by semi-inverse variational principle. <i>Optik</i> , 2017, 139, 16-19.	1.4	95
41	Exact spatial soliton solutions of the two-dimensional generalized nonlinear Schrödinger equation with distributed coefficients. <i>Physical Review A</i> , 2008, 78, .	1.0	93
42	Diffraction-free beams in fractional Schrödinger equation. <i>Scientific Reports</i> , 2016, 6, 23645.	1.6	90
43	Tunable invisibility cloaking by using isolated graphene-coated nanowires and dimers. <i>Scientific Reports</i> , 2017, 7, 12186.	1.6	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.	1.0	82
45	Optical soliton perturbation with full nonlinearity for Kundu–Eckhaus equation by modified simple equation method. <i>Optik</i> , 2018, 157, 1376-1380.	1.4	82
46	Optical soliton perturbation for complex Ginzburg–Landau equation with modified simple equation method. <i>Optik</i> , 2018, 158, 399-415.	1.4	80
47	Rogue wave solutions to the generalized nonlinear Schrödinger equation with variable coefficients. <i>Physical Review E</i> , 2013, 87, 065201.	0.8	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.	1.4	72
49	Engineered surface waves in hyperbolic metamaterials. <i>Optics Express</i> , 2013, 21, 19113.	1.7	71
50	Three-dimensional optical vortex and necklace solitons in highly nonlocal nonlinear media. <i>Physical Review A</i> , 2009, 79, .	1.0	70
51	Photonic Floquet topological insulators in atomic ensembles. <i>Laser and Photonics Reviews</i> , 2015, 9, 331-338.	4.4	70
52	Two-dimensional accessible solitons in PT-symmetric potentials. <i>Nonlinear Dynamics</i> , 2012, 70, 2027-2034.	2.7	68
53	Nematicons in liquid crystals by extended trial equation method. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2017, 26, 1750005.	1.1	67
54	Optical solitons with Lakshmanan–Porsezian–Daniel model using a couple of integration schemes. <i>Optik</i> , 2018, 158, 705-711.	1.4	67

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55	Combined stimulated Raman scattering and continuum self-phase modulations. <i>Physical Review A</i> , 1980, 21, 1222-1224.	1.0	65
56	Accessible solitons of fractional dimension. <i>Annals of Physics</i> , 2016, 368, 110-116.	1.0	65
57	Nanoscale wear of graphene and wear protection by graphene. <i>Carbon</i> , 2017, 120, 137-144.	5.4	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.	0.8	62
59	Controllable circular Airy beams via dynamic linear potential. <i>Optics Express</i> , 2016, 24, 7495.	1.7	61
60	Optical solitons in DWDM system by extended trial equation method. <i>Optik</i> , 2017, 141, 157-167.	1.4	61
61	Optical solitons having weak non-local nonlinearity by two integration schemes. <i>Optik</i> , 2018, 164, 380-384.	1.4	61
62	Solitons in Optical Metamaterials by Functional Variable Method and First Integral Approach. <i>Frequenz</i> , 2014, 68, .	0.6	59
63	Anharmonic propagation of two-dimensional beams carrying orbital angular momentum in a harmonic potential. <i>Optics Letters</i> , 2015, 40, 3786.	1.7	58
64	Dispersive optical solitons with Schrödinger-Hirota equation by extended trial equation method. <i>Optik</i> , 2017, 136, 451-461.	1.4	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.	1.4	56
66	Optical solitons with Kudryashov's equation by extended trial function. <i>Optik</i> , 2020, 202, 163290.	1.4	56
67	Optical solitons and conservation laws of Kudryashov's equation with improved modified extended tanh-function. <i>Optik</i> , 2021, 225, 165406.	1.4	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.	0.8	54
69	Self-trapping of scalar and vector dipole solitary waves in Kerr media. <i>Physical Review A</i> , 2011, 83, .	1.0	52
70	Three-dimensional finite-energy Airy self-accelerating parabolic-cylinder light bullets. <i>Physical Review A</i> , 2013, 88, .	1.0	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.	1.4	52
72	Optical soliton perturbation with Gerdjikov-Ivanov equation by modified simple equation method. <i>Optik</i> , 2018, 157, 1235-1240.	1.4	52

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73	Highly dispersive optical solitons with quadratic-cubic law by F-expansion. <i>Optik</i> , 2019, 182, 930-943.	1.4	52
74	Nonlinear Talbot effect of rogue waves. <i>Physical Review E</i> , 2014, 89, 032902.	0.8	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.	1.4	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.	0.6	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.	2.5	51
78	Propagation properties of dipole-managed solitons through an inhomogeneous cubic-quintic-septic medium. <i>Optics Communications</i> , 2018, 425, 64-70.	1.0	51
79	Dark and singular dispersive optical solitons of Schrödinger-Hirota equation by modified simple equation method. <i>Optik</i> , 2017, 136, 445-450.	1.4	50
80	Unveiling the Link Between Fractional Schrödinger Equation and Light Propagation in Honeycomb Lattice. <i>Annalen Der Physik</i> , 2017, 529, 1700149.	0.9	50
81	Resonant mode conversions and Rabi oscillations in a fractional Schrödinger equation. <i>Optics Express</i> , 2017, 25, 32401.	1.7	50
82	Solitons in optical fiber Bragg gratings with dispersive reflectivity by extended trial function method. <i>Optik</i> , 2019, 182, 88-94.	1.4	50
83	Topological and singular soliton solution to Kundu-Eckhaus equation with extended Kudryashov's method. <i>Optik</i> , 2017, 128, 57-62.	1.4	49
84	Resonant optical solitons with dual-power law nonlinearity and fractional temporal evolution. <i>Optik</i> , 2018, 165, 233-239.	1.4	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.	0.9	48
86	Three-dimensional localized Airy-Laguerre-Gaussian wave packets in free space. <i>Optics Express</i> , 2015, 23, 23867.	1.7	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.	1.5	48
88	Highly dispersive optical solitons with undetermined coefficients. <i>Optik</i> , 2019, 182, 890-896.	1.4	48
89	Optical soliton perturbation with Chen-Lee-Liu equation. <i>Optik</i> , 2020, 220, 165177.	1.4	48
90	Dispersive optical solitons with Schrödinger-Hirota model by trial equation method. <i>Optik</i> , 2018, 162, 35-41.	1.4	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.	1.4	47
92	Optical soliton perturbation with complex Ginzburgâ€“Landau equation using trial solution approach. <i>Optik</i> , 2018, 160, 44-60.	1.4	47
93	Chirped optical solitons of Chenâ€“Leeâ€“Liu equation by extended trial equation scheme. <i>Optik</i> , 2018, 156, 999-1006.	1.4	47
94	Automatic Fourier transform and self-Fourier beams due to parabolic potential. <i>Annals of Physics</i> , 2015, 363, 305-315.	1.0	46
95	Dark and singular optical solitons with spatio-temporal dispersion using modified simple equation method. <i>Optik</i> , 2017, 130, 324-331.	1.4	46
96	Optical solitons with Lakshmananâ€“Porsezianâ€“Daniel model by modified extended direct algebraic method. <i>Optik</i> , 2018, 162, 228-236.	1.4	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.	0.6	45
98	Chirped optical soliton propagation in birefringent fibers modeled by coupled Fokas-Lenells system. <i>Chaos, Solitons and Fractals</i> , 2022, 155, 111751.	2.5	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.	1.4	44
100	Cubic-quartic bright optical solitons with improved Adomian decomposition method. <i>Journal of Advanced Research</i> , 2020, 21, 161-167.	4.4	44
101	Anderson localization of light in PT-symmetric optical lattices. <i>Optics Letters</i> , 2012, 37, 4455.	1.7	43
102	Solitons in optical metamaterials with fractional temporal evolution. <i>Optik</i> , 2016, 127, 10879-10897.	1.4	43
103	Analysis of optical solitons in nonlinear negative-indexed materials with anti-cubic nonlinearity. <i>Optical and Quantum Electronics</i> , 2018, 50, 1.	1.5	43
104	Optical soliton perturbation with full nonlinearity for Gerdjikovâ€“Ivanov equation by trial equation method. <i>Optik</i> , 2018, 157, 1214-1218.	1.4	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.	2.0	43
106	Anderson localization of light near boundaries of disordered photonic lattices. <i>Physical Review A</i> , 2011, 83, .	1.0	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.	1.4	42

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109	Optical Bloch oscillation and Zener tunneling in an atomic system. <i>Optica</i> , 2017, 4, 571.	4.8	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.	2.7	41
111	Counterpropagating nematicons in bias-free liquid crystals. <i>Optics Express</i> , 2010, 18, 3258.	1.7	40
112	[INVITED] Soliton propagation through nanoscale waveguides in optical metamaterials. <i>Optics and Laser Technology</i> , 2016, 77, 177-186.	2.2	40
113	Highly dispersive optical solitons with cubic-quintic-septic law by exp-expansion. <i>Optik</i> , 2019, 186, 321-325.	1.4	40
114	Oblique resonant optical solitons with Kerr and parabolic law nonlinearities and fractional temporal evolution by generalized $\exp(\hat{\eta} \hat{\eta} ^{1/4})$ -expansion. <i>Optik</i> , 2019, 178, 439-448.	1.4	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.	1.7	39
116	Chirped optical solitons in nano optical fibers with dual-power law nonlinearity. <i>Optik</i> , 2017, 142, 77-81.	1.4	39
117	Optical soliton perturbation in magneto-optic waveguides. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2018, 27, 1850005.	1.1	39
118	Chirped singular solitons for Chen-Lee-Liu equation in optical fibers and PCF. <i>Optik</i> , 2018, 157, 156-160.	1.4	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.	1.0	39
120	Mean-Field Theory of Ferromagnetic Superconductors. <i>Physical Review Letters</i> , 1979, 42, 1015-1019.	2.9	38
121	Strain-enhanced superconductivity in Li-doped graphene. <i>Europhysics Letters</i> , 2014, 108, 67005.	0.7	38
122	Optical solitons for Lakshmanan-Porsezian-Daniel model by Riccati equation approach. <i>Optik</i> , 2019, 182, 922-929.	1.4	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.	2.0	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.	0.8	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.	0.8	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.	2.0	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, .	1.0	36
128	Nematicons in liquid crystals by modified simple equation method. <i>Nonlinear Dynamics</i> , 2017, 88, 2863-2872.	2.7	36
129	Optical solitons with DWDM technology and four-wave mixing. <i>Superlattices and Microstructures</i> , 2017, 107, 254-266.	1.4	36
130	Optical solitons to Lakshmanan-Porsezian-Daniel model for three nonlinear forms. <i>Optik</i> , 2018, 160, 197-202.	1.4	36
131	Optical soliton perturbation with full nonlinearity by trial equation method. <i>Optik</i> , 2018, 157, 1366-1375.	1.4	36
132	Optical soliton perturbation of Fokas-Lenells equation with two integration schemes. <i>Optik</i> , 2018, 165, 111-116.	1.4	36
133	Optical solitons with Kudryashov's equation by F-expansion. <i>Optik</i> , 2019, 199, 163338.	1.4	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.	1.4	36
135	Spatiotemporal solitons in cold Rydberg atomic gases with Bessel optical lattices. <i>Applied Mathematics Letters</i> , 2020, 106, 106230.	1.5	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.	0.8	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.	0.8	35
138	Conservation laws for optical solitons in birefringent fibers and magneto-optic waveguides. <i>Optik</i> , 2016, 127, 11662-11673.	1.4	35
139	Singular optical solitons in birefringent nano-fibers. <i>Optik</i> , 2016, 127, 8995-9000.	1.4	35
140	Solitons in nonlinear directional couplers with optical metamaterials. <i>Nonlinear Dynamics</i> , 2017, 87, 427-458.	2.7	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.	1.4	35
142	Solitons in optical metamaterials with anti-cubic nonlinearity. <i>European Physical Journal Plus</i> , 2018, 133, 1.	1.2	35
143	Solitons in optical fiber Bragg gratings with dispersive reflectivity. <i>Optik</i> , 2019, 182, 119-123.	1.4	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.	0.9	35

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145	Special soliton structures in the (2+1)-dimensional nonlinear Schrödinger equation with radially variable diffraction and nonlinearity coefficients. <i>Physical Review E</i> , 2011, 83, 036603.	0.8	34
146	Transport properties in the photonic superhoneycomb lattice – a hybrid fermionic and bosonic system. <i>Annalen Der Physik</i> , 2017, 529, 1600258.	0.9	34
147	Optical Bloch oscillation and Zener tunneling in the fractional Schrödinger equation. <i>Scientific Reports</i> , 2017, 7, 17872.	1.6	34
148	Optical solitons with modified extended direct algebraic method for quadratic-cubic nonlinearity. <i>Optik</i> , 2018, 162, 161-171.	1.4	34
149	Optical solitons in birefringent fibers for Lakshmanan–Porsezian–Daniel model using $\exp(\hat{a}^{\sim}(\hat{1}^{\sim}/4))$ -expansion method. <i>Optik</i> , 2018, 170, 555-560.	1.4	34
150	Bright and singular optical solitons for Kaup–Newell equation with two fundamental integration norms. <i>Optik</i> , 2019, 182, 594-597.	1.4	34
151	Bright soliton interactions in a $(2 + 1)$ -dimensional fourth-order variable-coefficient nonlinear Schrödinger equation for the Heisenberg ferromagnetic spin chain. <i>Nonlinear Dynamics</i> , 2019, 95, 983-994.	2.7	34
152	Rotating vortex clusters in media with inhomogeneous defocusing nonlinearity. <i>Optics Letters</i> , 2017, 42, 446.	1.7	34
153	Optical solitons and conservation laws with anti-cubic nonlinearity. <i>Optik</i> , 2016, 127, 12056-12062.	1.4	33
154	Spatiotemporal soliton clusters in strongly nonlocal media with variable potential coefficients. <i>Nonlinear Dynamics</i> , 2017, 87, 827-834.	2.7	33
155	Bright optical solitons with Kerr law nonlinearity and fifth order dispersion. <i>Optik</i> , 2017, 128, 172-177.	1.4	33
156	Chirped $w$ -shaped optical solitons of Chen–Lee–Liu equation. <i>Optik</i> , 2018, 155, 208-212.	1.4	33
157	Chirped dark and gray solitons for Chen–Lee–Liu equation in optical fibers and PCF. <i>Optik</i> , 2018, 155, 329-333.	1.4	33
158	Optical solitons in birefringent fibers with Lakshmanan–Porsezian–Daniel model by modified simple equation. <i>Optik</i> , 2019, 192, 162899.	1.4	33
159	Solitons and conservation laws in magneto-optic waveguides with generalized Kudryashov’s equation. <i>Chinese Journal of Physics</i> , 2021, 69, 186-205.	2.0	33
160	Solitons in highly nonlocal nematic liquid crystals: Variational approach. <i>Physical Review A</i> , 2012, 85, .	1.0	32
161	Controllable parabolic-cylinder optical rogue wave. <i>Physical Review E</i> , 2014, 90, 043201.	0.8	32
162	Three-dimensional Hermite-Bessel solitons in strongly nonlocal media with variable potential coefficients. <i>Optics Communications</i> , 2014, 313, 62-69.	1.0	32

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163	Accelerating Airyâ€“Gaussâ€“Kummer localized wave packets. <i>Annals of Physics</i> , 2014, 340, 171-178.	1.0	32
164	Highly dispersive optical solitons with non-local nonlinearity by exp-function. <i>Optik</i> , 2019, 186, 288-292.	1.4	32
165	Pure-cubic optical soliton perturbation with full nonlinearity by unified Riccati equation expansion. <i>Optik</i> , 2020, 223, 165445.	1.4	32
166	Solitons in magnetoâ€“optic waveguides with Kudryashovâ€™s law of refractive index. <i>Chaos, Solitons and Fractals</i> , 2020, 140, 110129.	2.5	32
167	Traveling and solitary wave solutions to the one-dimensional Gross-Pitaevskii equation. <i>Physical Review E</i> , 2010, 81, 016605.	0.8	31
168	Formic Acid Synthesis by CO <sub>2</sub> Hydrogenation over Single-Atom Catalysts Based on Ru and Cu Embedded in Graphene. <i>ChemistrySelect</i> , 2018, 3, 2631-2637.	0.7	31
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