Qin Zhou

List of Publications by Year
in descending order

332 papers	14,155 citations	14614 66 h-index	42291 92 g-index
333 all docs	333 docs citations	333 times ranked	1480 citing authors

#	Article	IF	Citations
1	Optical solitons for Lakshmanan–Porsezian–Daniel model by modified simple equation method. Optik, 2018, 160, 24-32.	1.4	161
2	Optical soliton perturbation with fractional-temporal evolution by first integral method with conformable fractional derivatives. Optik, 2016, 127, 10659-10669.	1.4	147
3	The unified method for conformable time fractional Schr<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mover accent="true"><mml:mtext>o</mml:mtext><mml:mo>Â¨</mml:mo></mml:mover></mml:math>dinger equation with perturbation terms. Chinese Journal of Physics, 2018, 56, 2500-2506.	2.0	143
4	Optical solitons and conservation law of Kundu–Eckhaus equation. Optik, 2018, 154, 551-557.	1.4	139
5	Optical solitons with complex Ginzburg–Landau equation. Nonlinear Dynamics, 2016, 85, 1979-2016.	2.7	135
6	Cubic–quartic optical solitons in Kerr and power law media. Optik, 2017, 144, 357-362.	1.4	134
7	Optical soliton solutions to Fokas-lenells equation using some different methods. Optik, 2018, 173, 21-31.	1.4	132
8	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
9	Influence of Parameters of Optical Fibers on Optical Soliton Interactions. Chinese Physics Letters, 2022, 39, 010501.	1.3	130
10	Optical soliton perturbation for Radhakrishnan–Kundu–Lakshmanan equation with a couple of integration schemes. Optik, 2018, 163, 126-136.	1.4	128
11	Conservation laws for cubic–quartic optical solitons in Kerr and power law media. Optik, 2017, 145, 650-654.	1.4	127
12	Dromion-like soliton interactions for nonlinear Schrödinger equation with variable coefficients in inhomogeneous optical fibers. Nonlinear Dynamics, 2019, 96, 729-736.	2.7	126
13	Optical solitons with Biswas–Milovic equation by extended trial equation method. Nonlinear Dynamics, 2016, 84, 1883-1900.	2.7	124
14	Mitigating Internet bottleneck with fractional temporal evolution of optical solitons having quadratic–cubic nonlinearity. Optik, 2018, 164, 84-92.	1.4	123
15	Resonant 1-soliton solution in anti-cubic nonlinear medium with perturbations. Optik, 2017, 145, 14-17.	1.4	122
16	Optical solitons in nano-fibers with spatio-temporal dispersion by trial solution method. Optik, 2016, 127, 7250-7257.	1.4	121
17	Optical solitons with differential group delay for coupled Fokas–Lenells equation using two integration schemes. Optik, 2018, 165, 74-86.	1.4	121
18	Perturbation theory and optical soliton cooling with anti-cubic nonlinearity. Optik, 2017, 142, 73-76.	1.4	120

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19	Analytic study on interactions between periodic solitons with controllable parameters. Nonlinear Dynamics, 2018, 94, 703-709.	2.7	120
20	Phase shift, amplification, oscillation and attenuation of solitons in nonlinear optics. Journal of Advanced Research, 2019, 15, 69-76.	4.4	120
21	Dromion-like structures and periodic wave solutions for variable-coefficients complex cubic–quintic Ginzburg–Landau equation influenced by higher-order effects and nonlinear gain. Nonlinear Dynamics, 2020, 99, 1313-1319.	2.7	120
22	Optical soliton perturbation with Fokas–Lenells equation using three exotic and efficient integration schemes. Optik, 2018, 165, 288-294.	1.4	119
23	Phase-shift controlling of three solitons in dispersion-decreasing fibers. Nonlinear Dynamics, 2019, 98, 395-401.	2.7	118
24	Lie symmetry analysis for cubic–quartic nonlinear Schrödinger's equation. Optik, 2018, 169, 12-15.	1.4	117
25	Bright and dark Thirring optical solitons with improved adomian decomposition method. Optik, 2017, 130, 1115-1123.	1.4	116
26	Optical soliton perturbation for Gerdjikov–Ivanov equation via two analytical techniques. Chinese Journal of Physics, 2018, 56, 2879-2886.	2.0	116
27	Interaction properties of solitonics in inhomogeneous optical fibers. Nonlinear Dynamics, 2019, 95, 557-563.	2.7	116
28	Optical solitons in medium with parabolic law nonlinearity and higher order dispersion. Waves in Random and Complex Media, 2015, 25, 52-59.	1.6	115
29	Periodic attenuating oscillation between soliton interactions for higher-order variable coefficient nonlinear Schrödinger equation. Nonlinear Dynamics, 2019, 96, 801-809.	2.7	115
30	Optical solitons with anti-cubic nonlinearity by extended trial equation method. Optik, 2017, 136, 368-373.	1.4	114
31	Exact solitons to generalized resonant dispersive nonlinear Schrödinger's equation with power law nonlinearity. Optik, 2017, 130, 178-183.	1.4	112
32	Optical solitons in parity-time-symmetric mixed linear and nonlinear lattice with non-Kerr law nonlinearity. Superlattices and Microstructures, 2017, 109, 588-598.	1.4	111
33	Dark and singular optical solitons with Kundu–Eckhaus equation by extended trial equation method and extended G′/G-expansion scheme. Optik, 2016, 127, 10490-10497.	1.4	110
34	Optical solitons in birefringent fibers with Kerr nonlinearity by exp-function method. Optik, 2017, 131, 964-976.	1.4	110
35	Analytical study of Thirring optical solitons with parabolic law nonlinearity and spatio-temporal dispersion. European Physical Journal Plus, 2015, 130, 1.	1.2	108
36	Solitons in magneto-optic waveguides by extended trial function scheme. Superlattices and Microstructures, 2017, 107, 197-218.	1.4	108

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37	Optical soliton perturbation with anti-cubic nonlinearity by semi-inverse variational principle. Optik, 2017, 143, 131-134.	1.4	108
38	Resonant optical solitons with quadratic-cubic nonlinearity by semi-inverse variational principle. Optik, 2017, 145, 18-21.	1.4	107
39	Generation and control of multiple solitons under the influence of parameters. Nonlinear Dynamics, 2019, 95, 143-150.	2.7	106
40	Optical solitons with anti-cubic nonlinearity using three integration schemes. Superlattices and Microstructures, 2017, 105, 1-10.	1.4	103
41	Darboux transformation and analytic solutions for a generalized super-NLS-mKdV equation. Nonlinear Dynamics, 2019, 98, 1491-1500.	2.7	103
42	Thirring combo-solitons with cubic nonlinearity and spatio-temporal dispersion. Waves in Random and Complex Media, 2016, 26, 204-210.	1.6	99
43	Scalable one-step synthesis of N,S co-doped graphene-enhanced hierarchical porous carbon foam for high-performance solid-state supercapacitors. Journal of Materials Chemistry A, 2019, 7, 7591-7603.	5.2	98
44	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
45	Bright, dark and singular optical solitons in a cascaded system. Laser Physics, 2015, 25, 025402.	0.6	95
46	Bright, dark, and singular solitons in optical fibers with spatio-temporal dispersion and spatially dependent coefficients. Journal of Modern Optics, 2016, 63, 950-954.	0.6	95
47	Optical solitons with quadratic-cubic nonlinearity by semi-inverse variational principle. Optik, 2017, 139, 16-19.	1.4	95
48	New exact solutions of nonlinear conformable time-fractional Phi-4 equation. Chinese Journal of Physics, 2018, 56, 2805-2816.	2.0	94
49	Perturbation of chirped localized waves in a dual-power law nonlinear medium. Chaos, Solitons and Fractals, 2022, 160, 112198.	2.5	93
50	Analytical study of solitons in non-Kerr nonlinear negative-index materials. Nonlinear Dynamics, 2016, 86, 623-638.	2.7	92
51	One-soliton shaping and two-soliton interaction in the fifth-order variable-coefficient nonlinear Schrödinger equation. Nonlinear Dynamics, 2019, 95, 369-380.	2.7	90
52	Bright soliton solutions of the (2+1)-dimensional generalized coupled nonlinear Schrödinger equation with the four-wave mixing term. Nonlinear Dynamics, 2021, 104, 2613-2620.	2.7	90
53	Soliton interaction control through dispersion and nonlinear effects for the fifth-order nonlinear Schrödinger equation. Nonlinear Dynamics, 2021, 106, 2479-2484.	2.7	89
54	Thirring optical solitons in birefringent fibers with spatio-temporal dispersion and Kerr law nonlinearity. Laser Physics, 2015, 25, 015402.	0.6	86

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55	Exact chirped singular soliton solutions of Triki-Biswas equation. Optik, 2019, 181, 338-342.	1.4	85
56	Chirped Bright and Kink Solitons in Nonlinear Optical Fibers with Weak Nonlocality and Cubic-Quantic-Septic Nonlinearity. Chinese Physics Letters, 2022, 39, 044202.	1.3	85
57	Optical soliton perturbation with full nonlinearity for Kundu–Eckhaus equation by modified simple equation method. Optik, 2018, 157, 1376-1380.	1.4	82
58	Hyperbolic rational solutions to a variety of conformable fractional Boussinesq-Like equations. Nonlinear Engineering, 2019, 8, 224-230.	1.4	81
59	Optical soliton perturbation for complex Ginzburg–Landau equation with modified simple equation method. Optik, 2018, 158, 399-415.	1.4	80
60	Exact optical solitons in metamaterials with cubic–quintic nonlinearity and third-order dispersion. Nonlinear Dynamics, 2015, 80, 1365-1371.	2.7	75
61	Interactions of vector anti-dark solitons for the coupled nonlinear Schrödinger equation in inhomogeneous fibers. Nonlinear Dynamics, 2018, 94, 1351-1360.	2.7	74
62	Soliton solutions to resonant nonlinear schrodinger's equation with time-dependent coefficients by modified simple equation method. Optik, 2016, 127, 11450-11459.	1.4	72
63	Some lump solutions for a generalized (3+1)-dimensional Kadomtsev–Petviashvili equation. Applied Mathematics and Computation, 2020, 366, 124757.	1.4	69
64	Nonlinear control of logic structure of all-optical logic devices using soliton interactions. Nonlinear Dynamics, 2022, 107, 1215-1222.	2.7	69
65	Optical solitons with Biswas–Milovic equation by extended G′/G-expansion method. Optik, 2016, 127, 6277-6290.	1.4	68
66	Nematicons in liquid crystals by extended trial equation method. Journal of Nonlinear Optical Physics and Materials, 2017, 26, 1750005.	1.1	67
67	Optical solitons with Lakshmanan–Porsezian–Daniel model using a couple of integration schemes. Optik, 2018, 158, 705-711.	1.4	67
68	Periodic soliton interactions for higher-order nonlinear Schrödinger equation in optical fibers. Nonlinear Dynamics, 2020, 100, 2817-2821.	2.7	67
69	Soliton fusion and fission for the high-order coupled nonlinear Schrödinger system in fiber lasers. Chinese Physics B, 2022, 31, 020501.	0.7	67
70	Analytical study of optical solitons in media with Kerr and parabolic-law nonlinearities. Journal of Modern Optics, 2013, 60, 1652-1657.	0.6	66
71	Analytical solutions and modulation instability analysis to the perturbed nonlinear Schrödinger equation. Journal of Modern Optics, 2014, 61, 500-503.	0.6	63
72	Optical solitons of Lakshmanan–Porsezian–Daniel model with a couple of nonlinearities. Optik, 2018, 164, 414-423.	1.4	62

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73	Optical solitons in media with time-modulated nonlinearities and spatiotemporal dispersion. Nonlinear Dynamics, 2015, 80, 983-987.	2.7	61
74	Optical solitons in DWDM system by extended trial equation method. Optik, 2017, 141, 157-167.	1.4	61
75	Optical solitons having weak non-local nonlinearity by two integration schemes. Optik, 2018, 164, 380-384.	1.4	61
76	Explicit solitons in the parabolic law nonlinear negative-index materials. Nonlinear Dynamics, 2017, 88, 595-607.	2.7	60
77	Generation and transformation of dark solitons, anti-dark solitons and dark double-hump solitons. Nonlinear Dynamics, 2022, 110, 1747-1752.	2.7	60
78	W-shaped, bright and dark solitons of Biswasâ€"Arshed equation. Optik, 2019, 182, 227-232.	1.4	57
79	Dispersive optical solitons with Schrödingerâ€"Hirota equation by extended trial equation method. Optik, 2017, 136, 451-461.	1.4	56
80	Optical solitons for Lakshmananâ€"Porsezianâ€"Daniel model with spatio-temporal dispersion using the method of undetermined coefficients. Optik, 2017, 144, 115-123.	1.4	56
81	The analytical study of solitons to the nonlinear Schrödinger equation with resonant nonlinearity. Optik, 2017, 130, 378-382.	1.4	56
82	Optical soliton perturbation with Fokasâ€"Lenells equation by mapping methods. Optik, 2019, 178, 104-110.	1.4	56
83	New envelope solitons for Gerdjikov-Ivanov model in nonlinear fiber optics. Superlattices and Microstructures, 2017, 111, 326-334.	1.4	54
84	Effective amplification of optical solitons in high power transmission systems. Nonlinear Dynamics, 2022, 109, 3083-3089.	2.7	53
85	Perturbed dark and singular optical solitons in polarization preserving fibers by modified simple equation method. Superlattices and Microstructures, 2017, 111, 487-498.	1.4	52
86	Optical soliton perturbation with Gerdjikovâ€"Ivanov equation by modified simple equation method. Optik, 2018, 157, 1235-1240.	1.4	52
87	Dark soliton control based on dispersion and nonlinearity for third-order nonlinear Schrödinger equation. Optik, 2019, 184, 370-376.	1.4	52
88	Optical solitons in nonlinear directional couplers with trial function scheme. Nonlinear Dynamics, 2017, 88, 1891-1915.	2.7	51
89	Optical soliton perturbation with resonant nonlinear Schrödinger's equation having full nonlinearity by modified simple equation method. Optik, 2018, 160, 33-43.	1.4	51
90	Resonant optical solitons with parabolic and dual-power laws by semi-inverse variational principle. Journal of Modern Optics, 2018, 65, 179-184.	0.6	51

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91	Propagation properties of dipole-managed solitons through an inhomogeneous cubic–quintic–septic medium. Optics Communications, 2018, 425, 64-70.	1.0	51
92	Phase shift, oscillation and collision of the anti-dark solitons for the (3+1)-dimensional coupled nonlinear Schrödinger equation in an optical fiber communication system. Nonlinear Dynamics, 2019, 97, 1253-1262.	2.7	51
93	Dark optical solitons in quadratic nonlinear media with spatio-temporal dispersion. Nonlinear Dynamics, 2015, 81, 733-738.	2.7	50
94	Dark and singular dispersive optical solitons of Schrödinger–Hirota equation by modified simple equation method. Optik, 2017, 136, 445-450.	1.4	50
95	The investigation of soliton solutions of the coupled sine-Gordon equation in nonlinear optics. Journal of Modern Optics, 2017, 64, 1677-1682.	0.6	49
96	Periodic oscillations of dark solitons in nonlinear optics. Optik, 2018, 165, 341-344.	1.4	49
97	Resonant optical solitons with dual-power law nonlinearity and fractional temporal evolution. Optik, 2018, 165, 233-239.	1.4	49
98	Analytic study on triple-S, triple-triangle structure interactions for solitons in inhomogeneous multi-mode fiber. Applied Mathematics and Computation, 2019, 361, 325-331.	1.4	49
99	Cubic–quartic optical soliton perturbation with complex Ginzburg–Landau equation by the enhanced Kudryashov's method. Chaos, Solitons and Fractals, 2022, 155, 111748.	2.5	49
100	Optical solitons in gas-filled, hollow-core photonic crystal fibers with inter-modal dispersion and self-steepening. Journal of Modern Optics, 2013, 60, 854-859.	0.6	48
101	Solitons for perturbed Gerdjikov–Ivanov equation in optical fibers and PCF by extended Kudryashov's method. Optical and Quantum Electronics, 2018, 50, 1.	1.5	48
102	Highly dispersive optical solitons with undetermined coefficients. Optik, 2019, 182, 890-896.	1.4	48
103	The similarities and differences of different plane solitons controlled by (3Â+Â1) â€" Dimensional coupled variable coefficient system. Journal of Advanced Research, 2020, 24, 167-173.	4.4	48
104	Effects of dispersion terms on optical soliton propagation in a lossy fiber system. Nonlinear Dynamics, 2021, 104, 629-637.	2.7	48
105	Dispersive optical solitons with Schrödinger–Hirota model by trial equation method. Optik, 2018, 162, 35-41.	1.4	47
106	Optical soliton perturbation with Radhakrishnan–Kundu–Lakshmanan equation by Lie group analysis. Optik, 2018, 163, 137-141.	1.4	47
107	Optical soliton perturbation with complex Ginzburg–Landau equation using trial solution approach. Optik, 2018, 160, 44-60.	1.4	47
108	Chirped optical solitons of Chen–Lee–Liu equation by extended trial equation scheme. Optik, 2018, 156, 999-1006.	1.4	47

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109	Optical solitons with Lakshmanan–Porsezian–Daniel model by modified extended direct algebraic method. Optik, 2018, 162, 228-236.	1.4	46
110	Analytic study on the influences of higher-order effects on optical solitons in fiber laser. Optik, 2019, 186, 326-331.	1.4	46
111	Optical solitons in the parabolic law media with high-order dispersion. Optik, 2014, 125, 5432-5435.	1.4	45
112	Exact solitary wave solutions to the generalized Fisher equation. Optik, 2016, 127, 12085-12092.	1.4	45
113	Optical solitons for non-Kerr law nonlinear Schrödinger equation with third and fourth order dispersions. Chinese Journal of Physics, 2019, 60, 133-140.	2.0	45
114	Optical solitons in fiber Bragg gratings with cubic–quartic dispersive reflectivity by enhanced Kudryashov's approach. Physics Letters, Section A: General, Atomic and Solid State Physics, 2022, 422, 127797.	0.9	45
115	Chirped optical soliton propagation in birefringent fibers modeled by coupled Fokas-Lenells system. Chaos, Solitons and Fractals, 2022, 155, 111751.	2.5	45
116	Resonant optical solitons with perturbation terms and fractional temporal evolution using improved tan ($\varphi(\xi)/2$)-expansion method and exp function approach. Optik, 2018, 158, 933-939.	1.4	44
117	Bright, dark and W-shaped solitons with extended nonlinear Schrödinger's equation for odd and even higher-order terms. Superlattices and Microstructures, 2018, 114, 53-61.	1.4	44
118	Exact solutions of the cubic-quintic nonlinear optical transmission equation with higher-order dispersion terms and self-steepening term. Journal of Modern Optics, 2012, 59, 57-60.	0.6	43
119	Solitons in optical metamaterials with fractional temporal evolution. Optik, 2016, 127, 10879-10897.	1.4	43
120	Optical solitons for Biswas–Milovic model with Kerr law and parabolic law nonlinearities. Nonlinear Dynamics, 2016, 84, 677-681.	2.7	43
121	Analysis of optical solitons in nonlinear negative-indexed materials with anti-cubic nonlinearity. Optical and Quantum Electronics, 2018, 50, 1.	1.5	43
122	Optical soliton perturbation with full nonlinearity for Gerdjikov–Ivanov equation by trial equation method. Optik, 2018, 157, 1214-1218.	1.4	43
123	Dark-singular combo optical solitons with fractional complex Ginzburg–Landau equation. Optik, 2018, 171, 463-467.	1.4	43
124	Optical solitons with complex Ginzburg–Landau equation for two nonlinear forms using F-expansion. Chinese Journal of Physics, 2019, 61, 255-261.	2.0	43
125	Solitons in Optical Metamaterials with Trial Solution Approach and Bäcklund Transform of Riccati Equation. Journal of Computational and Theoretical Nanoscience, 2015, 12, 5940-5948.	0.4	42
126	Optical solitons of some fractional differential equations in nonlinear optics. Journal of Modern Optics, 2017, 64, 2345-2349.	0.6	42

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127	Conservation laws for optical solitons with Chen–Lee–Liu equation. Optik, 2018, 174, 195-198.	1.4	42
128	Stable transmission characteristics of double-hump solitons for the coupled Manakov equations in fiber lasers. Nonlinear Dynamics, 2021, 106, 2509-2514.	2.7	42
129	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. Nonlinear Dynamics, 2019, 97, 471-483.	2.7	41
130	Spatial optical solitons in fifth order and seventh order weakly nonlocal nonlinear media. Optik, 2013, 124, 5683-5686.	1.4	40
131	Analytical study of solitons to Biswas–Milovic model in nonlinear optics. Journal of Modern Optics, 2016, 63, 2131-2137.	0.6	40
132	Oblique resonant optical solitons with Kerr and parabolic law nonlinearities and fractional temporal evolution by generalized exp($-\hat{\mathrm{I}}$¦ (Î¾))-expansion. Optik, 2019, 178, 439-448.	1.4	40
133	Chirped optical solitons in nano optical fibers with dual-power law nonlinearity. Optik, 2017, 142, 77-81.	1.4	39
134	The investigate of optical solitons in cascaded system by improved adomian decomposition scheme. Optik, 2017, 130, 1107-1114.	1.4	39
135	Optical soliton perturbation in magneto-optic waveguides. Journal of Nonlinear Optical Physics and Materials, 2018, 27, 1850005.	1.1	39
136	Chirped singular solitons for Chen-Lee-Liu equation in optical fibers and PCF. Optik, 2018, 157, 156-160.	1.4	39
137	Self-similar optical solitons with continuous-wave background in a quadratic–cubic non-centrosymmetric waveguide. Optics Communications, 2019, 437, 392-398.	1.0	39
138	Optical solitons for Lakshmanan–Porsezian–Daniel model by Riccati equation approach. Optik, 2019, 182, 922-929.	1.4	38
139	Optical solitons and conservation laws of Kudryashov's equation using undetermined coefficients. Optik, 2020, 202, 163417.	1.4	38
140	Optical dromions, domain walls and conservation laws with Kundu–Mukherjee–Naskar equation via traveling waves and Lie symmetry. Results in Physics, 2020, 16, 102850.	2.0	38
141	Vector Spatiotemporal Solitons and Their Memory Features in Cold Rydberg Gases. Chinese Physics Letters, 2022, 39, 034202.	1.3	38
142	Exact solitons in three-dimensional weakly nonlocal nonlinear time-modulated parabolic law media. Optics and Laser Technology, 2013, 51, 32-35.	2.2	37
143	Optical soliton perturbation with quadratic-cubic nonlinearity using a couple of strategic algorithms. Chinese Journal of Physics, 2018, 56, 1990-1998.	2.0	37
144	Transformation of soliton states for a (2+1) dimensional fourth-order nonlinear Schrödinger equation in the Heisenberg ferromagnetic spin chain. Laser Physics, 2019, 29, 035401.	0.6	37

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145	Analytic study on solitons in the nonlinear fibers with time-modulated parabolic law nonlinearity and Raman effect. Optik, 2014, 125, 3142-3144.	1.4	36
146	Analytical study of solitons in magneto-electro-elastic circular rod. Nonlinear Dynamics, 2016, 83, 1403-1408.	2.7	36
147	Optical solitons with DWDM technology and four-wave mixing. Superlattices and Microstructures, 2017, 107, 254-266.	1.4	36
148	Optical solitons to Lakshmanan-Porsezian-Daniel model for three nonlinear forms. Optik, 2018, 160, 197-202.	1.4	36
149	Optical soliton perturbation with full nonlinearity by trial equation method. Optik, 2018, 157, 1366-1375.	1.4	36
150	Optical soliton perturbation of Fokasâ€"Lenells equation with two integration schemes. Optik, 2018, 165, 111-116.	1.4	36
151	Spatiotemporal solitons in cold Rydberg atomic gases with Bessel optical lattices. Applied Mathematics Letters, 2020, 106, 106230.	1.5	36
152	Singular optical solitons in birefringent nano-fibers. Optik, 2016, 127, 8995-9000.	1.4	35
153	Soliton solutions for Davydov solitons in Î±-helix proteins. Superlattices and Microstructures, 2017, 102, 323-341.	1.4	35
154	Solitons in nonlinear directional couplers with optical metamaterials. Nonlinear Dynamics, 2017, 87, 427-458.	2.7	35
155	Optical solitons and group invariant solutions to Lakshmananâ€"Porsezianâ€"Daniel model in optical fibers and PCF. Optik, 2018, 160, 86-91.	1.4	35
156	Solitons in optical metamaterials with anti-cubic nonlinearity. European Physical Journal Plus, 2018, 133, 1.	1.2	35
157	Solitons in optical fiber Bragg gratings with dispersive reflectivity. Optik, 2019, 182, 119-123.	1.4	35
158	Optical solitons with Chenâ€"Leeâ€"Liu equation by Lie symmetry. Physics Letters, Section A: General, Atomic and Solid State Physics, 2020, 384, 126202.	0.9	35
159	Optical solitons with modified extended direct algebraic method for quadratic-cubic nonlinearity. Optik, 2018, 162, 161-171.	1.4	34
160	Analytic study on optical solitons in parity-time-symmetric mixed linear and nonlinear modulation lattices with non-Kerr nonlinearities. Optik, 2018, 173, 249-262.	1.4	34
161	Optical solitons in birefringent fibers for Lakshmananâ€"Porsezianâ€"Daniel model using exp(â˜Ï•(Î¾))-expansion method. Optik, 2018, 170, 555-560.	1.4	34
162	Bright and singular optical solitons for Kaupâ€"Newell equation with two fundamental integration norms. Optik, 2019, 182, 594-597.	1.4	34

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163	Bright soliton interactions in a $$\mathbf{(2+\mathbf{1})}$$ (2 + 1) -dimensional fourth-order variable-coefficient nonlinear Schrödinger equation for the Heisenberg ferromagnetic spin chain. Nonlinear Dynamics, 2019, 95, 983-994.	2.7	34
164	Localized waves and mixed interaction solutions with dynamical analysis to the Gross–Pitaevskii equation in the Bose–Einstein condensate. Nonlinear Dynamics, 2021, 106, 841-854.	2.7	34
165	Chirped w-shaped optical solitons of Chen–Lee–Liu equation. Optik, 2018, 155, 208-212.	1.4	33
166	Chirped dark and gray solitons for Chen–Lee–Liu equation in optical fibers and PCF. Optik, 2018, 155, 329-333.	1.4	33
167	Optical solitons with anti-cubic nonlinearity by mapping methods. Optik, 2018, 170, 520-526.	1.4	33
168	Optical solitons in birefringent fibers with Lakshmanan–Porsezian–Daniel model by modified simple equation. Optik, 2019, 192, 162899.	1.4	33
169	Combined optical solitons with parabolic law nonlinearity and spatio-temporal dispersion. Journal of Modern Optics, 2015, 62, 483-486.	0.6	32
170	Dispersive Optical Solitons in Nanofibers with Schrödinger-Hirota Equation. Journal of Nanoelectronics and Optoelectronics, 2016, 11, 382-387.	0.1	32
171	Resonant optical solitons with anti-cubic nonlinearity. Optik, 2018, 157, 525-531.	1.4	31
172	Optical solitons pertutabation with Fokas-Lenells equation by exp($-\phi(\xi)$)-expansion method. Optik, 2019, 179, 341-345.	1.4	31
173	Exact optical solitons in metamaterials with anti-cubic law of nonlinearity by Lie group method. Optical and Quantum Electronics, 2019, 51, 1.	1.5	31
174	Chirped envelope optical solitons for Kaup–Newell equation. Optik, 2019, 177, 1-7.	1.4	31
175	Exact analysis and elastic interaction of multi-soliton for a two-dimensional Gross-Pitaevskii equation in the Bose-Einstein condensation. Journal of Advanced Research, 2022, 38, 179-190.	4.4	31
176	Parity-time symmetry light bullets in a cold Rydberg atomic gas. Optics Express, 2020, 28, 16322.	1.7	31
177	Optical solitons in birefringent fibers with modified simple equation method. Optik, 2017, 130, 996-1003.	1.4	30
178	Propagation of chirped gray optical dips in nonlinear metamaterials. Optics Communications, 2019, 430, 461-466.	1.0	30
179	Dispersive optical solitons in DWDM systems. Optik, 2017, 132, 210-215.	1.4	29
180	Analytic study on chirped optical solitons in nonlinear metamaterials with higher order effects. Laser Physics, 2019, 29, 095402.	0.6	29

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181	Optical solitons in birefringent fibers with Kundu-Eckhaus equation. Optik, 2019, 178, 550-556.	1.4	29
182	Optical solitons in nonlinear directional couplers with Gâ€²/G-expansion scheme. Journal of Nonlinear Optical Physics and Materials, 2015, 24, 1550017.	1.1	28
183	Optical soliton perturbation for Gerdjikovâ€"Ivanov equation by extended trial equation method. Optik, 2018, 158, 747-752.	1.4	28
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