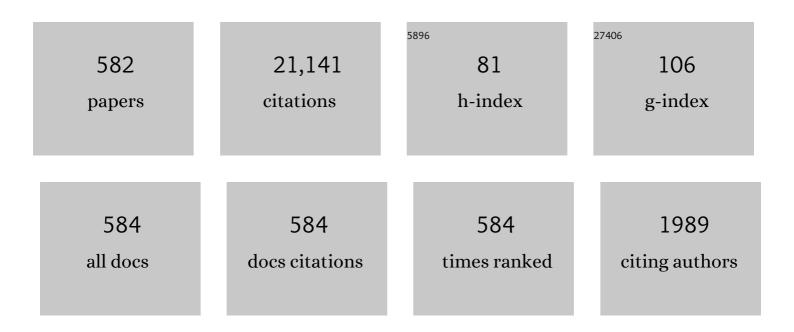
List of Publications by Year in descending order

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ANIAN RISMAS

#	Article	IF	CITATIONS
1	Modified simple equation method for nonlinear evolution equations. Applied Mathematics and Computation, 2010, 217, 869-877.	2.2	355
2	Bright and dark solitons of the generalized nonlinear Schrödinger's equation. Communications in Nonlinear Science and Numerical Simulation, 2010, 15, 1473-1484.	3.3	227
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	Optical soliton perturbation in a non-Kerr law media. Optics and Laser Technology, 2008, 40, 647-662.	4.6	174
5	1-soliton solution of the equation with generalized evolution. Physics Letters, Section A: General, Atomic and Solid State Physics, 2008, 372, 4601-4602.	2.1	174
6	Optical soliton cooling with polynomial law of nonlinear refractive index. Journal of Optics (India), 2020, 49, 580-583.	1.7	154
7	Soliton solutions to resonant nonlinear Schrödinger's equation with time-dependent coefficients by trial solution approach. Nonlinear Dynamics, 2015, 81, 277-282.	5.2	153
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 with complex Ginzburg–Landau equation by modified simple equation method. Optik, 2017, 144, 475-480.	2.9	136
10	Optical solitons and conservation laws associated with Kudryashov�s sextic power-law nonlinearity of refractive index. Ukrainian Journal of Physical Optics, 2021, 22, 38-49.	13.0	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	Stationary solutions for nonlinear dispersive Schrödinger's equation. Nonlinear Dynamics, 2011, 63, 623-626.	5.2	130
15	Optical soliton perturbation for Radhakrishnan–Kundu–Lakshmanan equation with a couple of integration schemes. Optik, 2018, 163, 126-136.	2.9	128
16	Conservation laws for cubic–quartic optical solitons in Kerr and power law media. Optik, 2017, 145, 650-654.	2.9	127
17	Optical solitons and conservation laws with quadratic-cubic nonlinearity. Optik, 2017, 128, 63-70.	2.9	127
18	Dromion-like soliton interactions for nonlinear SchrĶdinger equation with variable coefficients in inhomogeneous optical fibers. Nonlinear Dynamics, 2019, 96, 729-736.	5.2	126

#	Article	IF	CITATIONS
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	Optical solitons in nano-fibers with spatio-temporal dispersion by trial solution method. Optik, 2016, 127, 7250-7257.	2.9	121
22	Optical solitons with differential group delay for coupled Fokas–Lenells equation using two integration schemes. Optik, 2018, 165, 74-86.	2.9	121
23	Solitary wave solution for the generalized Kawahara equation. Applied Mathematics Letters, 2009, 22, 208-210.	2.7	120
24	Topological solitons of resonant nonlinear Schödinger'sequation with dual-power law nonlinearity by G′/G-expansion technique. Optik, 2014, 125, 5480-5489.	2.9	120
25	Perturbation theory and optical soliton cooling with anti-cubic nonlinearity. Optik, 2017, 142, 73-76.	2.9	120
26	Analytic study on interactions between periodic solitons with controllable parameters. Nonlinear Dynamics, 2018, 94, 703-709.	5.2	120
27	Phase shift, amplification, oscillation and attenuation of solitons in nonlinear optics. Journal of Advanced Research, 2019, 15, 69-76.	9.5	120
28	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.	5.2	120
29	Optical soliton perturbation with Fokas–Lenells equation using three exotic and efficient integration schemes. Optik, 2018, 165, 288-294.	2.9	119
30	Application of semi-inverse variational principle to cubic-quartic optical solitons with kerr and power law nonlinearity. Optik, 2018, 172, 847-850.	2.9	118
31	Phase-shift controlling of three solitons in dispersion-decreasing fibers. Nonlinear Dynamics, 2019, 98, 395-401.	5.2	118
32	Lie symmetry analysis for cubic–quartic nonlinear Schrödinger's equation. Optik, 2018, 169, 12-15.	2.9	117
33	1-soliton solution of the generalized Radhakrishnan, Kundu, Lakshmanan equation. Physics Letters, Section A: General, Atomic and Solid State Physics, 2009, 373, 2546-2548.	2.1	116
34	Bright and dark Thirring optical solitons with improved adomian decomposition method. Optik, 2017, 130, 1115-1123.	2.9	116
35	Interaction properties of solitonics in inhomogeneous optical fibers. Nonlinear Dynamics, 2019, 95, 557-563.	5.2	116
36	Optical soliton perturbation in non-Kerr law media: Traveling wave solution. Optics and Laser Technology, 2012, 44, 263-268.	4.6	115

#	Article	IF	CITATIONS
37	Optical solitons for the resonant nonlinear SchrĶdinger's equation with time-dependent coefficients by the first integral method. Optik, 2014, 125, 3107-3116.	2.9	115
38	Periodic attenuating oscillation between soliton interactions for higher-order variable coefficient nonlinear SchrĶdinger equation. Nonlinear Dynamics, 2019, 96, 801-809.	5.2	115
39	1-Soliton solution of KdV6 equation. Nonlinear Dynamics, 2015, 80, 387-396.	5.2	114
40	Optical solitons with anti-cubic nonlinearity by extended trial equation method. Optik, 2017, 136, 368-373.	2.9	114
41	Optical solitons and complexitons of the Schrödinger–Hirota equation. Optics and Laser Technology, 2012, 44, 2265-2269.	4.6	113
42	Soliton solutions of the resonant nonlinear Schrödinger's equation in optical fibers with time-dependent coefficients by simplest equation approach. Journal of Modern Optics, 2013, 60, 1627-1636.	1.3	113
43	Dispersive optical solitons by Kudryashov's method. Optik, 2014, 125, 6874-6880.	2.9	113
44	Exact solitons to generalized resonant dispersive nonlinear Schrödinger's equation with power law nonlinearity. Optik, 2017, 130, 178-183.	2.9	112
45	Optical Soliton Perturbation with Improved Nonlinear SchrĶdinger's Equation in Nano Fibers. Journal of Nanoelectronics and Optoelectronics, 2013, 8, 208-220.	0.5	111
46	Optical solitons in birefringent fibers with Kerr nonlinearity by exp-function method. Optik, 2017, 131, 964-976.	2.9	110
47	Quasi-stationary non-Kerr law optical solitons. Optical Fiber Technology, 2003, 9, 224-259.	2.7	109
48	Bright and dark optical solitons with time-dependent coefficients in a non-Kerr law media. Communications in Nonlinear Science and Numerical Simulation, 2010, 15, 3865-3873.	3.3	109
49	Optical soliton perturbation in a log-law medium with full nonlinearity by He's semi-inverse variational principle. Inverse Problems in Science and Engineering, 2012, 20, 227-232.	1.2	108
50	Analytical study of Thirring optical solitons with parabolic law nonlinearity and spatio-temporal dispersion. European Physical Journal Plus, 2015, 130, 1.	2.6	108
51	Optical soliton perturbation with anti-cubic nonlinearity by semi-inverse variational principle. Optik, 2017, 143, 131-134.	2.9	108
52	Resonant optical solitons with quadratic-cubic nonlinearity by semi-inverse variational principle. Optik, 2017, 145, 18-21.	2.9	107
53	Dark optical solitons in power law media with time-dependent coefficients. Physics Letters, Section A: General, Atomic and Solid State Physics, 2009, 373, 4438-4441.	2.1	106
54	Generation and control of multiple solitons under the influence of parameters. Nonlinear Dynamics, 2019, 95, 143-150.	5.2	106

#	Article	IF	CITATIONS
55	A Lie symmetry approach to nonlinear SchrĶdinger's equation with non-Kerr law nonlinearity. Communications in Nonlinear Science and Numerical Simulation, 2009, 14, 4033-4040.	3.3	105
56	Dispersive optical solitons with Schrödinger–Hirota equation. Journal of Nonlinear Optical Physics and Materials, 2014, 23, 1450014.	1.8	105
57	Singular solitons in optical metamaterials by ansatz method and simplest equation approach. Journal of Modern Optics, 2014, 61, 1550-1555.	1.3	105
58	Bright and dark solitons for the resonant nonlinear SchrĶdinger's equation with time-dependent coefficients. Optics and Laser Technology, 2012, 44, 2223-2231.	4.6	104
59	Cnoidal and snoidal wave solutions to coupled nonlinear wave equations by the extended Jacobi's elliptic function method. Communications in Nonlinear Science and Numerical Simulation, 2013, 18, 915-925.	3.3	104
60	Optical solitons with anti-cubic nonlinearity using three integration schemes. Superlattices and Microstructures, 2017, 105, 1-10.	3.1	103
61	Darboux transformation and analytic solutions for a generalized super-NLS-mKdV equation. Nonlinear Dynamics, 2019, 98, 1491-1500.	5.2	103
62	Optical Solitons by He's Variational Principle in a Non-Kerr Law Media. Journal of Infrared, Millimeter, and Terahertz Waves, 2009, 30, 526-537.	2.2	101
63	Optical solitons and optical rogons of generalized resonant dispersive nonlinear SchrĶdinger's equation with power law nonlinearity. Optik, 2014, 125, 4246-4256.	2.9	100
64	Dark solitons for a generalized nonlinear Schrödinger equation with parabolic law and dual-power law nonlinearities. Mathematical Methods in the Applied Sciences, 2011, 34, 958-962.	2.3	99
65	Thirring combo-solitons with cubic nonlinearity and spatio-temporal dispersion. Waves in Random and Complex Media, 2016, 26, 204-210.	2.7	99
66	Optical solitons in birefringent fibers with spatio-temporal dispersion. Optik, 2014, 125, 4935-4944.	2.9	98
67	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
68	1-soliton solution of ()-dimensional nonlinear Schrödinger's equation in dual-power law media. Physics Letters, Section A: General, Atomic and Solid State Physics, 2008, 372, 5941-5943.	2.1	97
69	Optical solitons with non-Kerr law nonlinearity and inter-modal dispersion with time-dependent coefficients. Communications in Nonlinear Science and Numerical Simulation, 2010, 15, 2320-2330.	3.3	96
70	Bright and dark solitons in optical metamaterials. Optik, 2014, 125, 3299-3302.	2.9	95
71	Bright, dark and singular optical solitons in a cascaded system. Laser Physics, 2015, 25, 025402.	1.2	95
72	Bright, dark, and singular solitons in optical fibers with spatio-temporal dispersion and spatially dependent coefficients. Journal of Modern Optics, 2016, 63, 950-954.	1.3	95

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73	Optical solitons with quadratic-cubic nonlinearity by semi-inverse variational principle. Optik, 2017, 139, 16-19.	2.9	95
74	Perturbation of chirped localized waves in a dual-power law nonlinear medium. Chaos, Solitons and Fractals, 2022, 160, 112198.	5.1	93
75	TEMPORAL 1-SOLITON SOLUTION OF THE COMPLEX GINZBURG-LANDAU EQUATION WITH POWER LAW NONLINEARITY. Progress in Electromagnetics Research, 2009, 96, 1-7.	4.4	92
76	Adiabatic parameter dynamics of perturbed solitary waves. Communications in Nonlinear Science and Numerical Simulation, 2009, 14, 734-748.	3.3	92
77	Bright soliton solutions of the (2+1)-dimensional generalized coupled nonlinear SchrĶdinger equation with the four-wave mixing term. Nonlinear Dynamics, 2021, 104, 2613-2620.	5.2	90
78	Optical Solitons in Photonic Nano Waveguides with an Improved Nonlinear SchrĶdinger's Equation. Journal of Computational and Theoretical Nanoscience, 2013, 10, 1182-1191.	0.4	89
79	Soliton interaction control through dispersion and nonlinear effects for the fifth-order nonlinear SchrĶdinger equation. Nonlinear Dynamics, 2021, 106, 2479-2484.	5.2	89
80	Optical solitons in nonlinear directional couplers with spatio-temporal dispersion. Journal of Modern Optics, 2014, 61, 441-458.	1.3	87
81	Thirring optical solitons in birefringent ï¬bers with spatio-temporal dispersion and Kerr law nonlinearity. Laser Physics, 2015, 25, 015402.	1.2	86
82	Solitary wave solution for KdV equation with power-law nonlinearity and time-dependent coefficients. Nonlinear Dynamics, 2009, 58, 345-348.	5.2	83
83	Chirped femtosecond pulses in the higher-order nonlinear Schrödinger equation with non-Kerr nonlinear terms and cubic–quintic–septic nonlinearities. Optics Communications, 2016, 366, 362-369.	2.1	82
84	Dispersion-managed solitons in optical fibres. Journal of Optics, 2002, 4, 84-97.	1.5	80
85	Optical soliton perturbation for complex Ginzburg–Landau equation with modified simple equation method. Optik, 2018, 158, 399-415.	2.9	80
86	Solitary waves of Boussinesq equation in a power law media. Communications in Nonlinear Science and Numerical Simulation, 2009, 14, 3738-3742.	3.3	77
87	Soliton solutions of the generalized Klein–Gordon equation by using \$\$left( rac{G^{prime) Tj ETQq1 1 0.784	314 rgBT /	Overlock 10
88	Sub pico-second chirped envelope solitons and conservation laws in monomode optical fibers for a new derivative nonlinear SchrĶdinger's model. Optik, 2018, 173, 235-241.	2.9	74
89	Soliton solutions to resonant nonlinear schrodinger's equation with time-dependent coefficients by modified simple equation method. Optik, 2016, 127, 11450-11459.	2.9	72
90	Jacobi spectral collocation approximation for multi-dimensional time-fractional SchrĶdinger equations. Nonlinear Dynamics, 2016, 84, 1553-1567.	5.2	71

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91	Conservation laws for optical solitons with anti-cubic and generalized anti-cubic nonlinearities. Optik, 2019, 176, 198-201.	2.9	71
92	Solitary waves for power-law regularized long-wave equation and R(m,n) equation. Nonlinear Dynamics, 2010, 59, 423-426.	5.2	69
93	Some lump solutions for a generalized (3+1)-dimensional Kadomtsev–Petviashvili equation. Applied Mathematics and Computation, 2020, 366, 124757.	2.2	69
94	Nonlinear control of logic structure of all-optical logic devices using soliton interactions. Nonlinear Dynamics, 2022, 107, 1215-1222.	5.2	69
95	The method and topological soliton solution of the K(m,n) equation. Communications in Nonlinear Science and Numerical Simulation, 2011, 16, 2377-2382.	3.3	68
96	Periodic soliton interactions for higher-order nonlinear SchrĶdinger equation in optical fibers. Nonlinear Dynamics, 2020, 100, 2817-2821.	5.2	67
97	Solitons and other nonlinear waves of the Boussinesq equation. Nonlinear Dynamics, 2012, 70, 1213-1221.	5.2	66
98	Additional conservation laws for Rosenau–KdV–RLW equation with power law nonlinearity by Lie symmetry. Nonlinear Dynamics, 2015, 79, 743-748.	5.2	66
99	Solitons, Shock Waves and Conservation Laws of Rosenau-KdV-RLW Equation with Power Law Nonlinearity. Applied Mathematics and Information Sciences, 2014, 8, 485-491.	0.5	64
100	Soliton perturbation theory for phi-four model and nonlinear Klein–Gordon equations. Communications in Nonlinear Science and Numerical Simulation, 2009, 14, 3239-3249.	3.3	63
101	1-Soliton solution of the <mmi:math xmins:mmi="http://www.w3.org/1998/Math/Wath/Wath/Wath/Wath/Wath/Wath/Wath/W&lt;/td"><td>T℁℻Qq1</td><td>1<b>&amp;</b>784314</td></mmi:math>	T℁℻Qq1	1 <b>&amp;</b> 784314
102	Solitons and periodic solutions to a couple of fractional nonlinear evolution equations. Pramana - Journal of Physics, 2014, 82, 465-476.	1.8	63
103	Solitons and other solutions to quantum Zakharov–Kuznetsov equation in quantum magneto-plasmas. Indian Journal of Physics, 2013, 87, 455-463.	1.8	61
104	Optical solitons in DWDM system by extended trial equation method. Optik, 2017, 141, 157-167.	2.9	61
105	Bright optical solitons for Lakshmanan-Porsezian-Daniel model by semi-inverse variational principle. Optik, 2018, 154, 109-114.	2.9	60
106	Chirp-free bright optical soliton perturbation with Fokas–Lenells equation by traveling wave hypothesis and semi-inverse variational principle. Optik, 2018, 170, 431-435.	2.9	60
107	Perturbation of topological solitons due to sine-Gordon equation and its type. Communications in Nonlinear Science and Numerical Simulation, 2009, 14, 1227-1244.	3.3	59
108	Solitons in Optical Metamaterials by Functional Variable Method and First Integral Approach. Frequenz, 2014, 68, .	0.9	59

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109	Dispersive optical solitons with Schrödinger–Hirota equation by extended trial equation method. Optik, 2017, 136, 451-461.	2.9	56
110	Optical soliton perturbation with Fokas–Lenells equation by mapping methods. Optik, 2019, 178, 104-110.	2.9	56
111	Optical solitons with Kudryashov's equation by extended trial function. Optik, 2020, 202, 163290.	2.9	56
112	Dark and singular optical solutions with dual-mode nonlinear SchrĶdinger's equation and Kerr-law nonlinearity. Optik, 2018, 172, 822-825.	2.9	55
113	Optical solitons and conservation laws of Kudryashov's equation with improved modified extended tanh-function. Optik, 2021, 225, 165406.	2.9	55
114	Painlevé Analysis and a Solution to the Traveling Wave Reduction of the Radhakrishnan — Kundu — Lakshmanan Equation. Regular and Chaotic Dynamics, 2019, 24, 607-614.	0.8	54
115	Solitons and conservation laws in magneto-optic waveguides with triple-power law nonlinearity. Journal of Optics (India), 2020, 49, 584-590.	1.7	54
116	Solitary wave solution for the generalized KdV equation with time-dependent damping and dispersion. Communications in Nonlinear Science and Numerical Simulation, 2009, 14, 3503-3506.	3.3	52
117	1-Soliton solution of Benjamin–Bona–Mahoney equation with dual-power law nonlinearity. Communications in Nonlinear Science and Numerical Simulation, 2010, 15, 2744-2746.	3.3	52
118	Dispersive dark optical soliton with Schödinger-Hirota equation by G′/G-expansion approach in power law medium. Optik, 2014, 125, 4215-4218.	2.9	52
119	Perturbed dark and singular optical solitons in polarization preserving fibers by modified simple equation method. Superlattices and Microstructures, 2017, 111, 487-498.	3.1	52
120	Chirp-free bright optical soliton perturbation with Chen–Lee–Liu equation by traveling wave hypothesis and semi-inverse variational principle. Optik, 2018, 172, 772-776.	2.9	52
121	Optical solitons in DWDM system with spatio-temporal dispersion. Journal of Nonlinear Optical Physics and Materials, 2015, 24, 1550006.	1.8	51
122	Optical solitons in nonlinear directional couplers with trial function scheme. Nonlinear Dynamics, 2017, 88, 1891-1915.	5.2	51
123	Resonant optical solitons with parabolic and dual-power laws by semi-inverse variational principle. Journal of Modern Optics, 2018, 65, 179-184.	1.3	51
124	Propagation properties of dipole-managed solitons through an inhomogeneous cubic–quintic–septic medium. Optics Communications, 2018, 425, 64-70.	2.1	51
125	Phase shift, oscillation and collision of the anti-dark solitons for the (3+1)-dimensional coupled nonlinear SchrĶdinger equation in an optical fiber communication system. Nonlinear Dynamics, 2019, 97, 1253-1262.	5.2	51
126	The <mml:math <br="" altimg="si1.gif" display="inline" xmlns:mml="http://www.w3.org/1998/Math/MathML">overflow="scroll"&gt;<mml:mfrac><mml:mrow><mml:msup><mml:mrow><mml:mi>G</mml:mi></mml:mrow><mr method and 1-soliton solution of the Davey–Stewartson equation. Mathematical and Computer Modelling, 2011, 53, 694-698.</mr </mml:msup></mml:mrow></mml:mfrac></mml:math>	nl:mrow>	<mml;mo>â€2</mml;mo>

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127	Perturbation of dispersive shallow water waves. Ocean Engineering, 2013, 63, 1-7.	4.3	50
128	Dark and singular dispersive optical solitons of Schrödinger–Hirota equation by modified simple equation method. Optik, 2017, 136, 445-450.	2.9	50
129	Solitons in optical fiber Bragg gratings with dispersive reflectivity by extended trial function method. Optik, 2019, 182, 88-94.	2.9	50
130	Topological and singular soliton solution to Kundu–Eckhaus equation with extended Kudryashov's method. Optik, 2017, 128, 57-62.	2.9	49
131	Optical solitons with Radhakrishnan–Kundu–Lakshmanan equation by extended trial function scheme. Optik, 2018, 160, 415-427.	2.9	49
132	Chirp-free bright optical solitons and conservation laws for complex Ginzburg-Landau equation with three nonlinear forms. Optik, 2018, 174, 207-215.	2.9	49
133	Chirp-free optical solitons in fiber Bragg gratings with dispersive reflectivity having polynomial law of nonlinearity. Optik, 2021, 225, 165681.	2.9	49
134	Highly dispersive optical solitons in birefringent fibers with four nonlinear forms using Kudryashov's approach. Journal of Optics (India), 2021, 50, 120-131.	1.7	49
135	Cubic–quartic optical soliton perturbation with complex Ginzburg–Landau equation by the enhanced Kudryashov's method. Chaos, Solitons and Fractals, 2022, 155, 111748.	5.1	49
136	1-Soliton solution of the generalized Camassa–Holm Kadomtsev–Petviashvili equation. Communications in Nonlinear Science and Numerical Simulation, 2009, 14, 2524-2527.	3.3	48
137	Optical solitons with log-law nonlinearity. Communications in Nonlinear Science and Numerical Simulation, 2010, 15, 3763-3767.	3.3	48
138	Topological and non-topological solitons of nonlinear Klein–Gordon equations by He's semi-inverse variational principle. Journal of the Franklin Institute, 2010, 347, 1148-1157.	3.4	48
139	Solitons for perturbed Gerdjikov–Ivanov equation in optical fibers and PCF by extended Kudryashov's method. Optical and Quantum Electronics, 2018, 50, 1.	3.3	48
140	Optical soliton perturbation with Chen–Lee–Liu equation. Optik, 2020, 220, 165177.	2.9	48
141	The similarities and differences of different plane solitons controlled by (3Â+Â1) – Dimensional coupled variable coefficient system. Journal of Advanced Research, 2020, 24, 167-173.	9.5	48
142	Effects of dispersion terms on optical soliton propagation in a lossy fiber system. Nonlinear Dynamics, 2021, 104, 629-637.	5.2	48
143	Group analysis, exact solutions and conservation laws of a generalized fifth order KdV equation. Chaos, Solitons and Fractals, 2016, 86, 8-15.	5.1	47
144	Optical soliton perturbation with complex Ginzburg–Landau equation using trial solution approach. Optik, 2018, 160, 44-60.	2.9	47

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145	Chirped optical solitons of Chen–Lee–Liu equation by extended trial equation scheme. Optik, 2018, 156, 999-1006.	2.9	47
146	Soliton perturbation theory for the quadratic nonlinear Klein–Gordon equation. Applied Mathematics and Computation, 2008, 203, 153-156.	2.2	46
147	1-soliton solution of the Zakharov–Kuznetsov equation with dual-power law nonlinearity. Communications in Nonlinear Science and Numerical Simulation, 2009, 14, 3574-3577.	3.3	46
148	Solitons and conservation laws of Klein–Gordon equation with power law and log law nonlinearities. Nonlinear Dynamics, 2013, 73, 2191-2196.	5.2	46
149	Singular solitons, shock waves, and other solutions to potential KdV equation. Nonlinear Dynamics, 2014, 76, 1059-1068.	5.2	46
150	Dark and singular optical solitons with spatio-temporal dispersion using modified simple equation method. Optik, 2017, 130, 324-331.	2.9	46
151	Optical soliton perturbation with full nonlinearity for Fokas–Lenells equation. Optik, 2018, 165, 29-34.	2.9	46
152	Optical solitons: Quasi-stationarity versus Lie transform. Optical and Quantum Electronics, 2003, 35, 979-998.	3.3	45
153	1-soliton solution of the		

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163	Analysis of optical solitons in nonlinear negative-indexed materials with anti-cubic nonlinearity. Optical and Quantum Electronics, 2018, 50, 1.	3.3	43
164	Dark-singular combo optical solitons with fractional complex Ginzburg–Landau equation. Optik, 2018, 171, 463-467.	2.9	43
165	Optical solitons with complex Ginzburg–Landau equation for two nonlinear forms using F-expansion. Chinese Journal of Physics, 2019, 61, 255-261.	3.9	43
166	Topological and non-topological solitons of the generalized Klein–Gordon equations. Applied Mathematics and Computation, 2009, 215, 212-220.	2.2	42
167	Solitons in Optical Metamaterials with Trial Solution Approach and BÜklund Transform of Riccati Equation. Journal of Computational and Theoretical Nanoscience, 2015, 12, 5940-5948.	0.4	42
168	Conservation laws for optical solitons with Chen–Lee–Liu equation. Optik, 2018, 174, 195-198.	2.9	42
169	Stable transmission characteristics of double-hump solitons for the coupled Manakov equations in fiber lasers. Nonlinear Dynamics, 2021, 106, 2509-2514.	5.2	42
170	Topological and non-topological solitons ofÂtheÂKlein–Gordon equations in 1+2 dimensions. Nonlinear Dynamics, 2010, 61, 23-28.	5.2	41
171	A study of shallow water waves with Gardner's equation. Nonlinear Dynamics, 2011, 66, 497-507.	5.2	41
172	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.	5.2	41
173	[INVITED] Soliton propagation through nanoscale waveguides in optical metamaterials. Optics and Laser Technology, 2016, 77, 177-186.	4.6	40
174	Oblique resonant optical solitons with Kerr and parabolic law nonlinearities and fractional temporal evolution by generalized exp( $\hat{a}^{\hat{1}}\hat{l}^{\hat{1}}(\hat{l}_{\hat{A}})$ )-expansion. Optik, 2019, 178, 439-448.	2.9	40
175	Application of the G′/G-expansion method for nonlinear diffusion equations with nonlinear source. Journal of the Franklin Institute, 2010, 347, 1391-1398.	3.4	39
176	Soliton solutions of Burgers equations and perturbed Burgers equation. Applied Mathematics and Computation, 2010, 216, 3370-3377.	2.2	39
177	QUASI-STATIONARY OPTICAL SOLITONS IN NON-KERR LAW MEDIA WITH FULL NONLINEARITY. Journal of Nonlinear Optical Physics and Materials, 2011, 20, 309-325.	1.8	39
178	Solitons and Lie group analysis to an extended quantum Zakharov–Kuznetsov equation. Astrophysics and Space Science, 2014, 349, 317-327.	1.4	39
179	Soliton solutions to a few fractional nonlinear evolution equations in shallow water wave dynamics. European Physical Journal Plus, 2016, 131, 1.	2.6	39
180	Optical soliton perturbation in magneto-optic waveguides. Journal of Nonlinear Optical Physics and Materials, 2018, 27, 1850005.	1.8	39

#	Article	IF	CITATIONS
181	Chirped singular solitons for Chen-Lee-Liu equation in optical fibers and PCF. Optik, 2018, 157, 156-160.	2.9	39
182	Self-similar optical solitons with continuous-wave background in a quadratic–cubic non-centrosymmetric waveguide. Optics Communications, 2019, 437, 392-398.	2.1	39
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184	Optical solitons and conservation laws of Kudryashov's equation using undetermined coefficients. Optik, 2020, 202, 163417.	2.9	38
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