

Anjan Biswas

List of Publications by Year in descending order

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Version: 2024-02-01

582
papers

21,141
citations

5876

81
h-index

27345

106
g-index

584
all docs

584
docs citations

584
times ranked

1989
citing authors

#	ARTICLE	IF	CITATIONS
1	Sequel to "stationary optical solitons with Kudryashov's laws of refractive index-(generalized) Tj ETQq1	1.0,784314	14rgBT /Ome
2	Highly dispersive optical solitons with quadratic-cubic law of refractive index by the variational iteration method. Journal of Optics (India), 2022, 51, 29-36.	0.8	30
3	Optical soliton perturbation with parabolic-nonlocal combo nonlinearity: undetermined coefficients and semi-inverse variational principle. Journal of Optics (India), 2022, 51, 22-28.	0.8	11
4	Localized pulses in optical fibers governed by perturbed Fokas-Lenells equation. Physics Letters, Section A: General, Atomic and Solid State Physics, 2022, 421, 127782.	0.9	18
5	Family of optical solitons for perturbed Fokas-Lenells equation. Optik, 2022, 249, 168224.	1.4	28
6	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
7	Highly dispersive optical solitons in polarization-preserving fibers with Kerr law nonlinearity by Lie symmetry. Physics Letters, Section A: General, Atomic and Solid State Physics, 2022, 421, 127768.	0.9	13
8	Nonlinear control of logic structure of all-optical logic devices using soliton interactions. Nonlinear Dynamics, 2022, 107, 1215-1222.	2.7	69
9	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
10	Stationary optical solitons with Kudryashov's quintuple power-law of refractive index having nonlinear chromatic dispersion. Physics Letters, Section A: General, Atomic and Solid State Physics, 2022, 426, 127885.	0.9	30
11	Bright solitons with anti-cubic and generalized anti-cubic nonlinearities in an optical fiber. Optik, 2022, 254, 168612.	1.4	11
12	Cubic-Quartic Optical Soliton Perturbation with Differential Group Delay for the Lakshmanan-Porsezian-Daniel Model by Lie Symmetry. Symmetry, 2022, 14, 224.	1.1	8
13	Numerical Simulation of Cubic-Quartic Optical Solitons with Perturbed Fokas-Lenells Equation Using Improved Adomian Decomposition Algorithm. Mathematics, 2022, 10, 138.	1.1	8
14	Dark solitons with anti-cubic and generalized anti-cubic nonlinearities in an optical fiber. Optik, 2022, 255, 168641.	1.4	13
15	Sequel to "cubic-quartic optical soliton perturbation with complex Ginzburg-Landau equation by the enhanced Kudryashov's method". IET Optoelectronics, 2022, 16, 149-159.	1.8	6
16	Highly Dispersive Optical Soliton Perturbation, with Maximum Intensity, for the Complex Ginzburg-Landau Equation by Semi-Inverse Variation. Mathematics, 2022, 10, 987.	1.1	9
17	Highly dispersive optical solitons and conservation laws in absence of self-phase modulation with new Kudryashov's approach. Physics Letters, Section A: General, Atomic and Solid State Physics, 2022, 431, 128001.	0.9	14
18	Shallow Water Waves and Conservation Laws with Dispersion Triplet. Applied Sciences (Switzerland), 2022, 12, 3647.	1.3	4

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19	Highly dispersive optical solitons in birefringent fibers having Kerr law of refractive index by Laplace-Adomian decomposition. <i>Optik</i> , 2022, 257, 168788.	1.4	5
20	Numerical study of highly dispersive optical solitons with differential group delay having quadratic-cubic law of refractive index by Laplace-Adomian decomposition. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2022, 31, .	1.1	5
21	Optical Solitons in Fiber Bragg Gratings with Polynomial Law Nonlinearity and Cubic-Quartic Dispersive Reflectivity. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2022, 130, 28-34.	0.2	3
22	Optical vortices in waveguides with spatial dependence of the nonlinear refractive index. <i>Optical and Quantum Electronics</i> , 2022, 54, 1.	1.5	0
23	Optical solitons with generalized anti-cubic nonlinearity having multiplicative white noise by Itô-Calculus. <i>Optik</i> , 2022, 262, 169262.	1.4	1
24	Bright solitons under the influence of third-order dispersion and self-steepening effect. <i>Optical and Quantum Electronics</i> , 2022, 54, .	1.5	5
25	Highly Dispersive Optical Solitons in Birefringent Fibers with Polynomial Law of Nonlinear Refractive Index by Laplace-Adomian Decomposition. <i>Mathematics</i> , 2022, 10, 1589.	1.1	5
26	Perturbation of chirped localized waves in a dual-power law nonlinear medium. <i>Chaos, Solitons and Fractals</i> , 2022, 160, 112198.	2.5	93
27	Sequel to "Quasi-monochromatical dynamical system of cubic-quartic optical solitons with Kerr law of nonlinear refractive index (Power law). <i>Optik</i> , 2022, 267, 169623.	1.4	1
28	Quasi-monochromatical dynamical system of cubic-quartic optical solitons with Kerr law of nonlinear refractive index. <i>Optik</i> , 2022, 267, 169622.	1.4	1
29	Highly dispersive optical solitons in the nonlinear Schrödinger's equation having polynomial law of the refractive index change. <i>Indian Journal of Physics</i> , 2021, 95, 109-119.	0.9	22
30	Optical solitons and conservation laws of Kudryashov's equation with improved modified extended tanh-function. <i>Optik</i> , 2021, 225, 165406.	1.4	55
31	Chirp-free optical solitons in fiber Bragg gratings with dispersive reflectivity having polynomial law of nonlinearity. <i>Optik</i> , 2021, 225, 165681.	1.4	49
32	Cubic-quartic optical solitons and conservation laws with Kudryashov's sextic power-law of refractive index. <i>Optik</i> , 2021, 227, 166059.	1.4	25
33	Optical dromions and domain walls in (2+1)-dimensional coupled system. <i>Optik</i> , 2021, 227, 165669.	1.4	22
34	Highly dispersive optical solitons with non-local law of refractive index by Laplace-Adomian decomposition. <i>Optical and Quantum Electronics</i> , 2021, 53, 1.	1.5	18
35	Cubic-quartic optical soliton perturbation and conservation laws with generalized Kudryashov's form of refractive index. <i>Journal of Optics (India)</i> , 2021, 50, 354-360.	0.8	16
36	Optical solitons and conservation laws associated with Kudryashov's sextic power-law nonlinearity of refractive index. <i>Ukrainian Journal of Physical Optics</i> , 2021, 22, 38-49.	9.7	136

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37	Optical solitons in birefringent fibers with quadratic-cubic nonlinearity by traveling waves and Adomian decomposition. <i>Optical and Quantum Electronics</i> , 2021, 53, 1.	1.5	4
38	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
39	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
40	Effects of dispersion terms on optical soliton propagation in a lossy fiber system. <i>Nonlinear Dynamics</i> , 2021, 104, 629-637.	2.7	48
41	Soliton solutions of Sasa-Satsuma nonlinear Schrödinger model and construction of modulation instability analysis. <i>Optical and Quantum Electronics</i> , 2021, 53, 1.	1.5	12
42	Optical solitons with Sasa-Satsuma equation by Laplace-Adomian decomposition algorithm. <i>Optik</i> , 2021, 229, 166262.	1.4	19
43	Optical solitons and conservation law with Kudryashov's form of arbitrary refractive index. <i>Journal of Optics (India)</i> , 2021, 50, 542-547.	0.8	10
44	Cubic-quartic optical soliton perturbation with Kudryashov's law of refractive index having quadrupled-power law and dual form of generalized nonlocal nonlinearity by sine-Gordon equation approach. <i>Journal of Optics (India)</i> , 2021, 50, 593-599.	0.8	9
45	Optical soliton perturbation with Kudryashov's law of arbitrary refractive index. <i>Journal of Optics (India)</i> , 2021, 50, 245-252.	0.8	10
46	Optical soliton polarization with Lakshmanan-Porsezian-Daniel model by unified approach. <i>Results in Physics</i> , 2021, 22, 103958.	2.0	31
47	Optical soliton perturbation with Kudryashov's law of refractive index by modified sub-ODE approach. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2021, 30, 2150004.	1.1	2
48	W-shaped and other solitons in optical nanofibers. <i>Results in Physics</i> , 2021, 23, 103973.	2.0	16
49	An alternate pathway to solitons in magneto-optic waveguides with triple-power law nonlinearity. <i>Optik</i> , 2021, 231, 166480.	1.4	23
50	Chirped super-Gaussian and super-sech pulse perturbation of nonlinear Schrödinger's equation with quadratic-cubic nonlinearity by variational principle. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2021, 396, 127231.	0.9	10
51	Investigation of coupled self-tapering/self-uptapering of soliton beams in nonlinear media. <i>Optik</i> , 2021, 232, 166511.	1.4	3
52	Highly dispersive optical solitons with a polynomial law of refractive index by Laplace-Adomian decomposition. <i>Journal of Computational Electronics</i> , 2021, 20, 1216-1223.	1.3	12
53	Bright soliton solutions of the (2+1)-dimensional generalized coupled nonlinear Schrödinger equation with the four-wave mixing term. <i>Nonlinear Dynamics</i> , 2021, 104, 2613-2620.	2.7	90
54	Optical soliton perturbation in magneto-optic waveguides by extended G^{\prime}/G^2 expansion. <i>Optical and Quantum Electronics</i> , 2021, 53, 1.	1.5	5

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55	Cubic–quartic optical soliton perturbation with Lakshmanan–Porsezian–Daniel model. <i>Optik</i> , 2021, 233, 166385.	1.4	16
56	Cubic–quartic optical soliton perturbation in polarization-preserving fibers with Fokas–Lenells equation. <i>Optik</i> , 2021, 234, 166543.	1.4	19
57	Pure-Cubic Optical Soliton Perturbation with Complex Ginzburg–Landau Equation Having a Dozen Nonlinear Refractive Index Structures. <i>Journal of Communications Technology and Electronics</i> , 2021, 66, 481-544.	0.2	15
58	Optical solitons and bifurcation analysis in fiber Bragg gratings with Lie symmetry and Kudryashov’s approach. <i>Nonlinear Dynamics</i> , 2021, 105, 735-751.	2.7	29
59	Stationary optical solitons with nonlinear chromatic dispersion and generalized temporal evolution by extended trial function approach. <i>Chaos, Solitons and Fractals</i> , 2021, 147, 110971.	2.5	19
60	Gray optical dips of Kundu-Mukherjee-Naskar model. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2021, 401, 127341.	0.9	9
61	Cubic–quartic optical solitons with Kudryashov’s arbitrary form of nonlinear refractive index. <i>Optik</i> , 2021, 238, 166747.	1.4	12
62	Conservation Laws for Solitons in Magneto-optic Waveguides with Anti-cubic and Generalized Anti-cubic Nonlinearities. <i>Regular and Chaotic Dynamics</i> , 2021, 26, 456-461.	0.3	4
63	Optical solitons in fiber Bragg gratings with dispersive reflectivity by sine-Gordon equation approach. <i>Optik</i> , 2021, 237, 166684.	1.4	15
64	Highly dispersive optical solitons and conservation laws with Kudryashov’s sextic power-law of nonlinear refractive index. <i>Optik</i> , 2021, 240, 166915.	1.4	3
65	Optical soliton perturbation and conservation law with Kudryashov’s refractive index having quadrupled power-law and dual form of generalized nonlocal nonlinearity. <i>Optik</i> , 2021, 240, 166966.	1.4	8
66	Highly dispersive optical soliton perturbation with Kudryashov’s sextic-power law nonlinear refractive index by semi-inverse variation. <i>Results in Physics</i> , 2021, 27, 104539.	2.0	20
67	Optical soliton perturbation with Kudryashov’s generalized nonlinear refractive index. <i>Optik</i> , 2021, 240, 166620.	1.4	18
68	Optical solitons in birefringent fibers having anti-cubic nonlinearity with Jacobi’s elliptic function expansions. <i>Optical and Quantum Electronics</i> , 2021, 53, 1.	1.5	1
69	Stable transmission characteristics of double-hump solitons for the coupled Manakov equations in fiber lasers. <i>Nonlinear Dynamics</i> , 2021, 106, 2509-2514.	2.7	42
70	Soliton interaction control through dispersion and nonlinear effects for the fifth-order nonlinear Schrödinger equation. <i>Nonlinear Dynamics</i> , 2021, 106, 2479-2484.	2.7	89
71	Cubic–quartic polarized optical solitons and conservation laws for perturbed Fokas–Lenells model. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2021, 30, .	1.1	6
72	Time–dependent coupled complex short pulse equation: Invariant analysis and complexitons. <i>Chaos, Solitons and Fractals</i> , 2021, 150, 111151.	2.5	4

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73	Stationary optical solitons with cubic-quartic law of refractive index and nonlinear chromatic dispersion. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2021, 410, 127541.	0.9	12
74	Localized waves and mixed interaction solutions with dynamical analysis to the Gross-Pitaevskii equation in the Bose-Einstein condensate. <i>Nonlinear Dynamics</i> , 2021, 106, 841-854.	2.7	34
75	Peakon and cuspon excitations in optical fibers for eighth order nonlinear Schrödinger's model. <i>Optik</i> , 2021, 243, 167509.	1.4	13
76	Optical solitons with Kudryashov's arbitrary form of refractive index and generalized non-local nonlinearity. <i>Optik</i> , 2021, 243, 166723.	1.4	12
77	Stationary optical solitons with Kudryashov's laws of refractive index. <i>Chaos, Solitons and Fractals</i> , 2021, 151, 111226.	2.5	22
78	Solitons and conservation laws in magneto-optic waveguides with generalized Kudryashov's equation by the unified auxiliary equation approach. <i>Optik</i> , 2021, 245, 167694.	1.4	17
79	Cubic-quartic solitons for twin-core couplers in optical metamaterials. <i>Optik</i> , 2021, 245, 167632.	1.4	7
80	Algorithm for dark solitons with Radhakrishnan-Kundu-Lakshmanan model in an optical fiber. <i>Results in Physics</i> , 2021, 30, 104806.	2.0	14
81	Conservation laws for solitons in magneto-optic waveguides with dual-power law nonlinearity. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2021, 416, 127667.	0.9	6
82	Soliton-soliton interaction and its influence on soliton amplitude and period. <i>Results in Physics</i> , 2021, 30, 104831.	2.0	6
83	Highly dispersive optical solitons in birefringent fibers with four nonlinear forms using Kudryashov's approach. <i>Journal of Optics (India)</i> , 2021, 50, 120-131.	0.8	49
84	Conservation laws for pure-cubic optical solitons with complex Ginzburg-Landau equation having several refractive index structures. <i>Results in Physics</i> , 2021, 31, 104901.	2.0	20
85	Highly Dispersive Optical Solitons with Complex Ginzburg-Landau Equation Having Six Nonlinear Forms. <i>Mathematics</i> , 2021, 9, 3270.	1.1	20
86	Cubic-Quartic Optical Solitons and Conservation Laws with Kudryashov's Law of Refractive Index by Extended Trial Function. <i>Computational Mathematics and Mathematical Physics</i> , 2021, 61, 1995-2003.	0.2	7
87	Optical solitons with Kudryashov's equation by extended trial function. <i>Optik</i> , 2020, 202, 163290.	1.4	56
88	Some lump solutions for a generalized (3+1)-dimensional Kadomtsev-Petviashvili equation. <i>Applied Mathematics and Computation</i> , 2020, 366, 124757.	1.4	69
89	Optical solitons in birefringent fibers having anti-cubic nonlinearity with a few prolific integration algorithms. <i>Optik</i> , 2020, 200, 163229.	1.4	13
90	Optical solitons and conservation laws of Kudryashov's equation using undetermined coefficients. <i>Optik</i> , 2020, 202, 163417.	1.4	38

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91	Optical solitons in birefringent fibers with quadratic-cubic refractive index by \tilde{I} -model expansion. <i>Optik</i> , 2020, 202, 163620.	1.4	12
92	Dispersive optical dromions and domain walls with a few golden integration formulae. <i>Optik</i> , 2020, 202, 163439.	1.4	6
93	Cubic-quartic bright optical solitons with improved Adomian decomposition method. <i>Journal of Advanced Research</i> , 2020, 21, 161-167.	4.4	44
94	Highly dispersive optical soliton perturbation with quadratic-cubic refractive index by semi-inverse variational principle. <i>Optik</i> , 2020, 206, 163621.	1.4	14
95	Cubic-quartic optical solitons in birefringent fibers with four forms of nonlinear refractive index by exp-function expansion. <i>Results in Physics</i> , 2020, 16, 102913.	2.0	98
96	Nonautonomous matter wave bright solitons in a quasi-1D Bose-Einstein condensate system with contact repulsion and dipole-dipole attraction. <i>Applied Mathematics and Computation</i> , 2020, 371, 124951.	1.4	13
97	Optical solitons with complex Ginzburg-Landau equation having a plethora of nonlinear forms with a couple of improved integration norms. <i>Optik</i> , 2020, 207, 163804.	1.4	27
98	Optical solitons with differential group delay for complex Ginzburg-Landau equation. <i>Results in Physics</i> , 2020, 16, 102888.	2.0	12
99	Optical solitons with differential group delay for complex Ginzburg-Landau equation having Kerr and parabolic laws of refractive index. <i>Optik</i> , 2020, 202, 163737.	1.4	14
100	Chirped and chirp-free optical solitons having generalized anti-cubic nonlinearity with a few cutting-edge integration technologies. <i>Optik</i> , 2020, 206, 163745.	1.4	14
101	Dromion-like structures and periodic wave solutions for variable-coefficients complex cubic-quintic Ginzburg-Landau equation influenced by higher-order effects and nonlinear gain. <i>Nonlinear Dynamics</i> , 2020, 99, 1313-1319.	2.7	120
102	Conservation laws for optical solitons with polynomial and triple-power laws of refractive index. <i>Optik</i> , 2020, 202, 163476.	1.4	8
103	Optical solitons in fiber Bragg gratings via modified simple equation. <i>Optik</i> , 2020, 203, 163886.	1.4	39
104	Optical soliton perturbation with Kudryashov's equation by semi-inverse variational principle. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2020, 384, 126830.	0.9	38
105	Cubic-quartic optical soliton perturbation and conservation laws with Kudryashov's law of refractive index. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2020, 384, 126884.	0.9	20
106	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
107	Optical soliton perturbation with exotic forms of nonlinear refractive index. <i>Optik</i> , 2020, 223, 165329.	1.4	2
108	Pure-cubic optical soliton perturbation with full nonlinearity by unified Riccati equation expansion. <i>Optik</i> , 2020, 223, 165445.	1.4	32

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109	Solitons in magneto-optic waveguides with generalized anti-cubic nonlinearity. <i>Optik</i> , 2020, 223, 165456.	1.4	4
110	Solitons in nonlinear directional couplers with optical metamaterials by first integral method. <i>Optik</i> , 2020, 218, 165208.	1.4	13
111	Stationary optical solitons with Sasa-Satsuma equation having nonlinear chromatic dispersion. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2020, 384, 126721.	0.9	27
112	Chirped self-similar cnoidal waves and similaritons in an inhomogeneous optical medium with resonant nonlinearity. <i>Chaos, Solitons and Fractals</i> , 2020, 141, 110441.	2.5	7
113	Combining Sparse and Dense Features to Improve Multi-Modal Registration for Brain DTI Images. <i>Entropy</i> , 2020, 22, 1299.	1.1	10
114	Solitons in magneto-optic waveguides with anti-cubic nonlinearity. <i>Optik</i> , 2020, 222, 165313.	1.4	10
115	Pure-cubic optical soliton perturbation with full nonlinearity. <i>Optik</i> , 2020, 222, 165394.	1.4	19
116	Nonlinear control for soliton interactions in optical fiber systems. <i>Nonlinear Dynamics</i> , 2020, 101, 1215-1220.	2.7	7
117	Cubic-quartic optical solitons with Kudryashov's law of refractive index by F-expansions schemes. <i>Results in Physics</i> , 2020, 18, 103273.	2.0	18
118	Solitons in magneto-optic waveguides with Kudryashov's law of refractive index. <i>Chaos, Solitons and Fractals</i> , 2020, 140, 110129.	2.5	32
119	Solitons in magneto-optic waveguides with parabolic law nonlinearity. <i>Optik</i> , 2020, 222, 165314.	1.4	2
120	Solitons and conservation laws in magneto-optic waveguides with polynomial law nonlinearity. <i>Optik</i> , 2020, 223, 165397.	1.4	1
121	Solitons and conservation laws in magneto-optic waveguides having parabolic nonlocal law of refractive index. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2020, 384, 126814.	0.9	18
122	Optical Dromions and Domain Walls with the Kundu Mukherjee Naskar Equation by the Laplace Adomian Decomposition Scheme. <i>Regular and Chaotic Dynamics</i> , 2020, 25, 338-348.	0.3	12
123	A pen-picture of solitons and conservation laws in magneto-optic waveguides having quadratic-cubic law of nonlinear refractive index. <i>Optik</i> , 2020, 223, 165330.	1.4	17
124	Optical soliton cooling with polynomial law of nonlinear refractive index. <i>Journal of Optics (India)</i> , 2020, 49, 580-583.	0.8	154
125	Stationary optical solitons with nonlinear chromatic dispersion having quadratic-cubic law of refractive index. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2020, 384, 126606.	0.9	16
126	Dark, singular and straddled optical solitons in birefringent fibers with generalized anti-cubic nonlinearity. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2020, 384, 126417.	0.9	13

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127	Solitons in magneto-optic waveguides with dual-power law nonlinearity. Physics Letters, Section A: General, Atomic and Solid State Physics, 2020, 384, 126697.	0.9	11
128	Soliton perturbation and conservation laws in magneto-optic waveguides with parabolic law nonlinearity. Optik, 2020, 220, 165196.	1.4	9
129	Optical soliton perturbation with Chen-Lee-Liu equation. Optik, 2020, 220, 165177.	1.4	48
130	Optical solitons with Sasa-Satsuma equation. Optik, 2020, 219, 165183.	1.4	9
131	Dark three-soliton for a nonlinear Schrödinger equation in inhomogeneous optical fiber. Optik, 2020, 220, 165189.	1.4	26
132	Optical solitons and other solutions to Kudryashov's equation with three innovative integration norms. Optik, 2020, 211, 164431.	1.4	20
133	Optical solitons with generalized anti-cubic nonlinearity by Lie symmetry. Optik, 2020, 206, 163638.	1.4	27
134	Chirped super-Gaussian and super-sech pulse parameter dynamics with DWDM topology by variational principle. Optik, 2020, 206, 164344.	1.4	0
135	Interactions among solitons for a fifth-order variable coefficient nonlinear Schrödinger equation. Nonlinear Dynamics, 2020, 100, 2797-2805.	2.7	21
136	Conservation Laws for Highly Dispersive Optical Solitons in Birefringent Fibers. Regular and Chaotic Dynamics, 2020, 25, 166-177.	0.3	24
137	The mixed interaction of localized, breather, exploding and solitary wave for the (3+1)-dimensional Kadomtsev-Petviashvili equation in fluid dynamics. Nonlinear Dynamics, 2020, 100, 1611-1619.	2.7	15
138	Optical soliton perturbation with polynomial and triple-power laws of refractive index by semi-inverse variational principle. Chaos, Solitons and Fractals, 2020, 135, 109765.	2.5	17
139	Solitons in magneto-optic waveguides with quadratic-cubic nonlinearity. Physics Letters, Section A: General, Atomic and Solid State Physics, 2020, 384, 126456.	0.9	24
140	The similarities and differences of different plane solitons controlled by (3+1) Dimensional coupled variable coefficient system. Journal of Advanced Research, 2020, 24, 167-173.	4.4	48
141	Periodic soliton interactions for higher-order nonlinear Schrödinger equation in optical fibers. Nonlinear Dynamics, 2020, 100, 2817-2821.	2.7	67
142	Optical solitons in fiber Bragg gratings with generalized anti-cubic nonlinearity by extended auxiliary equation. Chinese Journal of Physics, 2020, 65, 613-628.	2.0	21
143	Sequel to highly dispersive optical soliton perturbation with cubic-quintic-septic refractive index by semi-inverse variational principle. Optik, 2020, 203, 163451.	1.4	16
144	Quasi-monochromatic dynamics of optical solitons having quadratic-cubic nonlinearity. Physics Letters, Section A: General, Atomic and Solid State Physics, 2020, 384, 126528.	0.9	45

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145	Cubic-Quartic Optical Solitons with Differential Group Delay for Kudryashov's Model by Extended Trial Function. Journal of Communications Technology and Electronics, 2020, 65, 1384-1398.	0.2	13
146	Chirped optical soliton perturbation of Fokas-Lenells equation with full nonlinearity. Advances in Difference Equations, 2020, 2020, .	3.5	16
147	Gaussons: optical solitons with log-law nonlinearity by Laplace-Adomian decomposition method. Open Physics, 2020, 18, 182-188.	0.8	1
148	Solitons in fiber Bragg gratings with cubic-quartic dispersive reflectivity having Kerr law of nonlinear refractive index. Journal of Nonlinear Optical Physics and Materials, 2020, 29, 2050011.	1.1	5
149	Cubic-quartic solitons in couplers with optical metamaterials having power law of refractive index. Journal of Nonlinear Optical Physics and Materials, 2020, 29, 2050009.	1.1	4
150	Phase-shift controlling of three solitons in dispersion-decreasing fibers. Nonlinear Dynamics, 2019, 98, 395-401.	2.7	118
151	Darboux transformation and analytic solutions for a generalized super-NLS-mKdV equation. Nonlinear Dynamics, 2019, 98, 1491-1500.	2.7	103
152	Optical solitons with Kudryashov's equation by F-expansion. Optik, 2019, 199, 163338.	1.4	36
153	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
154	Highly dispersive optical soliton perturbation with Kerr law by semi-inverse variational principle. Optik, 2019, 199, 163226.	1.4	17
155	Optical solitons with complex Ginzburg-Landau equation having three nonlinear forms. Physics Letters, Section A: General, Atomic and Solid State Physics, 2019, 383, 126026.	0.9	29
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