Anjan Biswas

List of Publications by Year
in descending order

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582	21,141	5896 81	27406 106
papers	citations	h-index	g-index

584	584	584	1989
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sequel to â€œstationary optical solitons with Kudryashovâ€™s laws of refractive indexâ€•(generalized) Tj ETQq1 1 0.784314 rgBT /O	1.8	4
2	Highly dispersive optical solitons with quadraticâ€“cubic law of refractive index by the variational iteration method. Journal of Optics (India), 2022, 51, 29-36.	1.7	30
3	Optical soliton perturbation with paraboliâ€“nonlocal combo nonlinearity: undetermined coefficients and semi-inverse variational principle. Journal of Optics (India), 2022, 51, 22-28.	1.7	11
4	Localized pulses in optical fibers governed by perturbed Fokasâ€“Lenells equation. Physics Letters, Section A: General, Atomic and Solid State Physics, 2022, 421, 127782.	2.1	18
5	Family of optical solitons for perturbed Fokasâ€“Lenells equation. Optik, 2022, 249, 168224.	2.9	28
6	Optical solitons in fiber Bragg gratings with cubicâ€“quartic dispersive reflectivity by enhanced Kudryashov's approach. Physics Letters, Section A: General, Atomic and Solid State Physics, 2022, 422, 127797.	2.1	45
7	Highly dispersive optical solitons in polarizationâ€“preserving fibers with Kerr law nonlinearity by Lie symmetry. Physics Letters, Section A: General, Atomic and Solid State Physics, 2022, 421, 127768.	2.1	13
8	Nonlinear control of logic structure of all-optical logic devices using soliton interactions. Nonlinear Dynamics, 2022, 107, 1215-1222.	5.2	69
9	Cubicâ€“quartic optical soliton perturbation with complex Ginzburgâ€“Landau equation by the enhanced Kudryashovâ€™s method. Chaos, Solitons and Fractals, 2022, 155, 111748.	5.1	49
10	Stationary optical solitons with Kudryashov's quintuple powerâ€“law of refractive index having nonlinear chromatic dispersion. Physics Letters, Section A: General, Atomic and Solid State Physics, 2022, 426, 127885.	2.1	30
11	Bright solitons with anti-cubic and generalized anti-cubic nonlinearities in an optical fiber. Optik, 2022, 254, 168612.	2.9	11
12	Cubicâ€“Quartic Optical Soliton Perturbation with Differential Group Delay for the Lakshmananâ€“Porsezianâ€“Daniel Model by Lie Symmetry. Symmetry, 2022, 14, 224.	2.2	8
13	Numerical Simulation of Cubic-Quartic Optical Solitons with Perturbed Fokasâ€“Lenells Equation Using Improved Adomian Decomposition Algorithm. Mathematics, 2022, 10, 138.	2.2	8
14	Dark solitons with anti-cubic and generalized anti-cubic nonlinearities in an optical fiber. Optik, 2022, 255, 168641.	2.9	13
15	Sequel to â€œcubicâ€quartic optical soliton perturbation with complex Ginzburgâ€“Landau equation by the enhanced Kudryashov's methodâ€• IET Optoelectronics, 2022, 16, 149-159.	3.3	6
16	Highly Dispersive Optical Soliton Perturbation, with Maximum Intensity, for the Complex Ginzburgâ€“Landau Equation by Semi-Inverse Variation. Mathematics, 2022, 10, 987.	2.2	9
17	Highly dispersive optical solitons and conservation laws in absence of selfâ€“phase modulation with new Kudryashov's approach. Physics Letters, Section A: General, Atomic and Solid State Physics, 2022, 431, 128001.	2.1	14
18	Shallow Water Waves and Conservation Laws with Dispersion Triplet. Applied Sciences (Switzerland), 2022, 12, 3647.	2.5	4

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19	Highly dispersive optical solitons in birefringent fibers having Kerr law of refractive index by Laplaceâ€“Adomian decomposition. Optik, 2022, 257, 168788.	2.9	5
20	Numerical study of highly dispersive optical solitons with differential group delay having quadratic-cubic law of refractive index by Laplaceâ€“Adomian decomposition. Journal of Nonlinear Optical Physics and Materials, 2022, 31, .	1.8	5
21	Optical Solitons in Fiber Bragg Gratings with Polynomial Law Nonlinearity and Cubicâ€“Quartic Dispersive Reflectivity. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2022, 130, 28-34.	0.6	3
22	Optical vortices in waveguides with spatial dependence of the nonlinear refractive index. Optical and Quantum Electronics, 2022, 54, 1.	3.3	0
23	Optical solitons with generalized antiâ€“cubic nonlinearity having multiplicative white noise by ItÃ´ Calculus. Optik, 2022, 262, 169262.	2.9	1
24	Bright solitons under the influence of third-order dispersion and self-steepening effect. Optical and Quantum Electronics, 2022, 54, .	3.3	5
25	Highly Dispersive Optical Solitons in Birefringent Fibers with Polynomial Law of Nonlinear Refractive Index by Laplaceâ€“Adomian Decomposition. Mathematics, 2022, 10, 1589.	2.2	5
26	Perturbation of chirped localized waves in a dual-power law nonlinear medium. Chaos, Solitons and Fractals, 2022, 160, 112198.	5.1	93
27	Sequel to â€œQuasi-monochromatic dynamical system of cubicâ€“quartic optical solitons with Kerr law of nonlinear refractive indexâ€•(Power law). Optik, 2022, 267, 169623.	2.9	1
28	Quasi-monochromatic dynamical system of cubicâ€“quartic optical solitons with Kerr law of nonlinear refractive index. Optik, 2022, 267, 169622.	2.9	1
29	Highly dispersive optical solitons in the nonlinear SchrÃ¶dingerâ€™s equation having polynomial law of the refractive index change. Indian Journal of Physics, 2021, 95, 109-119.	1.8	22
30	Optical solitons and conservation laws of Kudryashov's equation with improved modified extended tanh-function. Optik, 2021, 225, 165406.	2.9	55
31	Chirp-free optical solitons in fiber Bragg gratings with dispersive reflectivity having polynomial law of nonlinearity. Optik, 2021, 225, 165681.	2.9	49
32	Cubic-quartic optical solitons and conservation laws with Kudryashovâ€™s sextic power-law of refractive index. Optik, 2021, 227, 166059.	2.9	25
33	Optical dromions and domain walls in (2+1)-dimensional coupled system. Optik, 2021, 227, 165669.	2.9	22
34	Highly dispersive optical solitons with non-local law of refractive index by Laplace-Adomian decomposition. Optical and Quantum Electronics, 2021, 53, 1.	3.3	18
35	Cubicâ€“quartic optical soliton perturbation and conservation laws with generalized Kudryashovâ€™s form of refractive index. Journal of Optics (India), 2021, 50, 354-360.	1.7	16
36	Optical solitons and conservation laws associated with Kudryashovï¿½s sextic power-law nonlinearity of refractive index. Ukrainian Journal of Physical Optics, 2021, 22, 38-49.	13.0	136

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37	Optical solitons in birefringent fibers with quadratic-cubic nonlinearity by traveling waves and Adomian decomposition. Optical and Quantum Electronics, 2021, 53, 1.	3.3	4
38	Solitons and conservation laws in magnetoâ€“optic waveguides with generalized Kudryashovâ€™s equation. Chinese Journal of Physics, 2021, 69, 186-205.	3.9	33
39	Cubicâ€“quartic optical soliton perturbation with Lakshmananâ€“Porsezianâ€“Daniel model by sine-Gordon equation approach. Journal of Optics (India), 2021, 50, 322-329.	1.7	38
40	Effects of dispersion terms on optical soliton propagation in a lossy fiber system. Nonlinear Dynamics, 2021, 104, 629-637.	5.2	48
41	Soliton solutions of Sasaâ€“Satsuma nonlinear SchrÃ¶dinger model and construction of modulation instability analysis. Optical and Quantum Electronics, 2021, 53, 1.	3.3	12
42	Optical solitons with Sasaâ€“Satsuma equation by Laplaceâ€“Adomian decomposition algorithm. Optik, 2021, 229, 166262.	2.9	19
43	Optical solitons and conservation law with Kudryashovâ€™s form of arbitrary refractive index. Journal of Optics (India), 2021, 50, 542-547.	1.7	10
44	Cubicâ€“quartic optical soliton perturbation with Kudryashovâ€™s law of refractive index having quadrupledâ€“power law and dual form of generalized nonlocal nonlinearity by sine-Gordon equation approach. Journal of Optics (India), 2021, 50, 593-599.	1.7	9
45	Optical soliton perturbation with Kudryashovâ€™s law of arbitrary refractive index. Journal of Optics (India), 2021, 50, 245-252.	1.7	10
46	Optical soliton polarization with Lakshmananâ€“Porsezianâ€“Daniel model by unified approach. Results in Physics, 2021, 22, 103958.	4.1	31
47	Optical soliton perturbation with Kudryashovâ€™s law of refractive index by modified sub-ODE approach. Journal of Nonlinear Optical Physics and Materials, 2021, 30, 2150004.	1.8	2
48	W-shaped and other solitons in optical nanofibers. Results in Physics, 2021, 23, 103973.	4.1	16
49	An alternate pathway to solitons in magneto-optic waveguides with triple-power law nonlinearity. Optik, 2021, 231, 166480.	2.9	23
50	Chirped superâ€“Gaussian and superâ€“sech pulse perturbation of nonlinear SchrÃ¶dinger's equation with quadraticâ€“cubic nonlinearity by variational principle. Physics Letters, Section A: General, Atomic and Solid State Physics, 2021, 396, 127231.	2.1	10
51	Investigation of coupled self-tapering/self-uptapering of soliton beams in nonlinear media. Optik, 2021, 232, 166511.	2.9	3
52	Highly dispersive optical solitons with a polynomial law of refractive index by Laplaceâ€“Adomian decomposition. Journal of Computational Electronics, 2021, 20, 1216-1223.	2.5	12
53	Bright soliton solutions of the (2+1)-dimensional generalized coupled nonlinear SchrÃ¶dinger equation with the four-wave mixing term. Nonlinear Dynamics, 2021, 104, 2613-2620.	5.2	90
54	Optical soliton perturbation in magneto-optic waveguides by extended $$G^{prime }/G$$â€“expansion. Optical and Quantum Electronics, 2021, 53, 1.	3.3	5

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55	Cubicâ€“quartic optical soliton perturbation with Lakshmananâ€“Porsezianâ€“Daniel model. Optik, 2021, 233, 166385.	2.9	16
56	Cubicâ€“quartic optical soliton perturbation in polarization-preserving fibers with Fokasâ€“Lenells equation. Optik, 2021, 234, 166543.	2.9	19
57	Pure-Cubic Optical Soliton Perturbation with Complex Ginzburgâ€“Landau Equation Having a Dozen Nonlinear Refractive Index Structures. Journal of Communications Technology and Electronics, 2021, 66, 481-544.	0.5	15
58	Optical solitons and bifurcation analysis in fiber Bragg gratings with Lie symmetry and Kudryashovâ€™s approach. Nonlinear Dynamics, 2021, 105, 735-751.	5.2	29
59	Stationary optical solitons with nonlinear chromatic dispersion and generalized temporal evolution by extended trial function approach. Chaos, Solitons and Fractals, 2021, 147, 110971.	5.1	19
60	Gray optical dips of Kundu-Mukherjee-Naskar model. Physics Letters, Section A: General, Atomic and Solid State Physics, 2021, 401, 127341.	2.1	9
61	Cubicâ€“quartic optical solitons with Kudryashov's arbitrary form of nonlinear refractive index. Optik, 2021, 238, 166747.	2.9	12
62	Conservation Laws for Solitons in Magneto-optic Waveguides with Anti-cubic and Generalized Anti-cubic Nonlinearities. Regular and Chaotic Dynamics, 2021, 26, 456-461.	0.8	4
63	Optical solitons in fiber Bragg gratings with dispersive reflectivity by sine-Gordon equation approach. Optik, 2021, 237, 166684.	2.9	15
64	Highly dispersive optical solitons and conservation laws with Kudryashovâ€™s sextic power-law of nonlinear refractive index. Optik, 2021, 240, 166915.	2.9	3
65	Optical soliton perturbation and conservation law with Kudryashovâ€™s refractive index having quadrupled power-law and dual form of generalized nonlocal nonlinearity. Optik, 2021, 240, 166966.	2.9	8
66	Highly dispersive optical soliton perturbation with Kudryashovâ€™s sextic-power law nonlinear refractive index by semi-inverse variation. Results in Physics, 2021, 27, 104539.	4.1	20
67	Optical soliton perturbation with Kudryashov's generalized nonlinear refractive index. Optik, 2021, 240, 166620.	2.9	18
68	Optical solitons in birefringent fibers having anti-cubic nonlinearity with Jacobiâ€™s elliptic function expansions. Optical and Quantum Electronics, 2021, 53, 1.	3.3	1
69	Stable transmission characteristics of double-hump solitons for the coupled Manakov equations in fiber lasers. Nonlinear Dynamics, 2021, 106, 2509-2514.	5.2	42
70	Soliton interaction control through dispersion and nonlinear effects for the fifth-order nonlinear SchrÃ¶dinger equation. Nonlinear Dynamics, 2021, 106, 2479-2484.	5.2	89
71	Cubicâ€“quartic polarized optical solitons and conservation laws for perturbed Fokasâ€“Lenells model. Journal of Nonlinear Optical Physics and Materials, 2021, 30, .	1.8	6
72	Timeâ€“dependent coupled complex short pulse equation: Invariant analysis and complexitons. Chaos, Solitons and Fractals, 2021, 150, 111151.	5.1	4

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73	Stationary optical solitons with cubicâ€“quartic law of refractive index and nonlinear chromatic dispersion. Physics Letters, Section A: General, Atomic and Solid State Physics, 2021, 410, 127541.	2.1	12
74	Localized waves and mixed interaction solutions with dynamical analysis to the Grossâ€“Pitaevskii equation in the Boseâ€“Einstein condensate. Nonlinear Dynamics, 2021, 106, 841-854.	5.2	34
75	Peakon and cuspon excitations in optical fibers for eighth order nonlinear SchrÃ¶dìl‡ngerâ€™s model. Optik, 2021, 243, 167509.	2.9	13
76	Optical solitons with Kudryashov's arbitrary form of refractive index and generalized non-local nonlinearity. Optik, 2021, 243, 166723.	2.9	12
77	Stationary optical solitons with Kudryashovâ€™s laws of refractive index. Chaos, Solitons and Fractals, 2021, 151, 111226.	5.1	22
78	Solitons and conservation laws in magneto-optic waveguides with generalized Kudryashovâ€™s equation by the unified auxiliary equation approach. Optik, 2021, 245, 167694.	2.9	17
79	Cubicâ€“quartic solitons for twin-core couplers in optical metamaterials. Optik, 2021, 245, 167632.	2.9	7
80	Algorithm for dark solitons with Radhakrishnanâ€“Kunduâ€“Lakshmanan model in an optical fiber. Results in Physics, 2021, 30, 104806.	4.1	14
81	Conservation laws for solitons in magnetoâ€“optic waveguides with dualâ€“power law nonlinearity. Physics Letters, Section A: General, Atomic and Solid State Physics, 2021, 416, 127667.	2.1	6
82	Solitonâ€“soliton interaction and its influence on soliton amplitude and period. Results in Physics, 2021, 30, 104831.	4.1	6
83	Highly dispersive optical solitons in birefringent fibers with four nonlinear forms using Kudryashovâ€™s approach. Journal of Optics (India), 2021, 50, 120-131.	1.7	49
84	Conservation laws for pure-cubic optical solitons with complex Ginzburgâ€“Landau equation having several refractive index structures. Results in Physics, 2021, 31, 104901.	4.1	20
85	Highly Dispersive Optical Solitons with Complex Ginzburgâ€“Landau Equation Having Six Nonlinear Forms. Mathematics, 2021, 9, 3270.	2.2	20
86	Cubicâ€“Quartic Optical Solitons and Conservation Laws with Kudryashovâ€™s Law of Refractive Index by Extended Trial Function. Computational Mathematics and Mathematical Physics, 2021, 61, 1995-2003.	0.8	7
87	Optical solitons with Kudryashovâ€™s equation by extended trial function. Optik, 2020, 202, 163290.	2.9	56
88	Some lump solutions for a generalized (3+1)-dimensional Kadomtsevâ€“Petviashvili equation. Applied Mathematics and Computation, 2020, 366, 124757.	2.2	69
89	Optical solitons in birefringent fibers having anti-cubic nonlinearity with a few prolific integration algorithms. Optik, 2020, 200, 163229.	2.9	13
90	Optical solitons and conservation laws of Kudryashov's equation using undetermined coefficients. Optik, 2020, 202, 163417.	2.9	38

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91	Optical solitons in birefringent fibers with quadraticâ€“cubic refractive index by Ï•6â€“model expansion. Optik, 2020, 202, 163620.	2.9	12
92	Dispersive optical dromions and domain walls with a few golden integration formulae. Optik, 2020, 202, 163439.	2.9	6
93	Cubic-quartic bright optical solitons with improved Adomian decomposition method. Journal of Advanced Research, 2020, 21, 161-167.	9.5	44
94	Highly dispersive optical soliton perturbation with quadraticâ€“cubic refractive index by semiâ€“inverse variational principle. Optik, 2020, 206, 163621.	2.9	14
95	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
96	Nonautonomous matter wave bright solitons in a quasi-1D Bose-Einstein condensate system with contact repulsion and dipole-dipole attraction. Applied Mathematics and Computation, 2020, 371, 124951.	2.2	13
97	Optical solitons with complex Ginzburg-Landau equation having a plethora of nonlinear forms with a couple of improved integration norms. Optik, 2020, 207, 163804.	2.9	27
98	Optical solitons with differential group delay for complex Ginzburgâ€“Landau equation. Results in Physics, 2020, 16, 102888.	4.1	12
99	Optical solitons with differential group delay for complex Ginzburgâ€“Landau equation having Kerr and parabolic laws of refractive index. Optik, 2020, 202, 163737.	2.9	14
100	Chirped and chirp-free optical solitons having generalized anti-cubic nonlinearity with a few cutting-edge integration technologies. Optik, 2020, 206, 163745.	2.9	14
101	Dromion-like structures and periodic wave solutions for variable-coefficients complex cubicâ€“quintic Ginzburgâ€“Landau equation influenced by higher-order effects and nonlinear gain. Nonlinear Dynamics, 2020, 99, 1313-1319.	5.2	120
102	Conservation laws for optical solitons with polynomial and triple-power laws of refractive index. Optik, 2020, 202, 163476.	2.9	8
103	Optical solitons in fiber Bragg gratings via modified simple equation. Optik, 2020, 203, 163886.	2.9	39
104	Optical soliton perturbation with Kudryashov's equation by semiâ€“inverse variational principle. Physics Letters, Section A: General, Atomic and Solid State Physics, 2020, 384, 126830.	2.1	38
105	Cubicâ€“quartic optical soliton perturbation and conservation laws with Kudryashov's law of refractive index. Physics Letters, Section A: General, Atomic and Solid State Physics, 2020, 384, 126884.	2.1	20
106	Solitons and conservation laws in magneto-optic waveguides with triple-power law nonlinearity. Journal of Optics (India), 2020, 49, 584-590.	1.7	54
107	Optical soliton perturbation with exotic forms of nonlinear refractive index. Optik, 2020, 223, 165329.	2.9	2
108	Pure-cubic optical soliton perturbation with full nonlinearity by unified Riccati equation expansion. Optik, 2020, 223, 165445.	2.9	32

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109	Solitons in magneto-optic waveguides with generalized anti-cubic nonlinearity. Optik, 2020, 223, 165456.	2.9	4
110	Solitons in nonlinear directional couplers with optical metamaterials by first integral method. Optik, 2020, 218, 165208.	2.9	13
111	Stationary optical solitons with Sasaâ€“Satsuma equation having nonlinear chromatic dispersion. Physics Letters, Section A: General, Atomic and Solid State Physics, 2020, 384, 126721.	2.1	27
112	Chirped self-similar cnoidal waves and similaritons in an inhomogeneous optical medium with resonant nonlinearity. Chaos, Solitons and Fractals, 2020, 141, 110441.	5.1	7
113	Combining Sparse and Dense Features to Improve Multi-Modal Registration for Brain DTI Images. Entropy, 2020, 22, 1299.	2.2	10
114	Solitions in magnetoâ€“optic waveguides with antiâ€“cubic nonlinearity. Optik, 2020, 222, 165313.	2.9	10
115	Pure-cubic optical soliton perturbation with full nonlinearity. Optik, 2020, 222, 165394.	2.9	19
116	Nonlinear control for soliton interactions in optical fiber systems. Nonlinear Dynamics, 2020, 101, 1215-1220.	5.2	7
117	Cubic-quartic optical solitons with Kudryashovâ€™s law of refractive index by F-expansions schemes. Results in Physics, 2020, 18, 103273.	4.1	18
118	Solitons in magnetoâ€“optic waveguides with Kudryashovâ€™s law of refractive index. Chaos, Solitons and Fractals, 2020, 140, 110129.	5.1	32
119	Solitons in magnetoâ€“optic waveguides with parabolic law nonlinearity. Optik, 2020, 222, 165314.	2.9	2
120	Solitons and conservation laws in magneto-optic waveguides with polynomial law nonlinearity. Optik, 2020, 223, 165397.	2.9	1
121	Solitons and conservation laws in magnetoâ€“optic waveguides having paraboliâ€“nonlocal law of refractive index. Physics Letters, Section A: General, Atomic and Solid State Physics, 2020, 384, 126814.	2.1	18
122	Optical Dromions and Domain Walls with the Kundu â€“ Mukherjee â€“ Naskar Equation by the Laplace â€“ Adomian Decomposition Scheme. Regular and Chaotic Dynamics, 2020, 25, 338-348.	0.8	12
123	A pen-picture of solitons and conservation laws in magneto-optic waveguides having quadratic-cubic law of nonlinear refractive index. Optik, 2020, 223, 165330.	2.9	17
124	Optical soliton cooling with polynomial law of nonlinear refractive index. Journal of Optics (India), 2020, 49, 580-583.	1.7	154
125	Stationary optical solitons with nonlinear chromatic dispersion having quadraticâ€“cubic law of refractive index. Physics Letters, Section A: General, Atomic and Solid State Physics, 2020, 384, 126606.	2.1	16
126	Dark, singular and straddled optical solitons in birefringent fibers with generalized antiâ€“cubic nonlinearity. Physics Letters, Section A: General, Atomic and Solid State Physics, 2020, 384, 126417.	2.1	13

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127	Solitons in magnetoâ€“optic waveguides with dualâ€“power law nonlinearity. Physics Letters, Section A: General, Atomic and Solid State Physics, 2020, 384, 126697.	2.1	11
128	Soliton perturbation and conservation laws in magneto-optic waveguides with parabolic law nonlinearity. Optik, 2020, 220, 165196.	2.9	9
129	Optical soliton perturbation with Chenâ€“Leeâ€“Liu equation. Optik, 2020, 220, 165177.	2.9	48
130	Optical solitons with Sasaâ€“Satsuma equation. Optik, 2020, 219, 165183.	2.9	9
131	Dark three-soliton for a nonlinear SchrÃ¶dinger equation in inhomogeneous optical fiber. Optik, 2020, 220, 165189.	2.9	26
132	Optical solitons and other solutions to Kudryashovâ€™s equation with three innovative integration norms. Optik, 2020, 211, 164431.	2.9	20
133	Optical solitons with generalized anti-cubic nonlinearity by Lie symmetry. Optik, 2020, 206, 163638.	2.9	27
134	Chirped super-Gaussian and super-sech pulse parameter dynamics with DWDM topology by variational principle. Optik, 2020, 206, 164344.	2.9	0
135	Interactions among solitons for a fifth-order variable coefficient nonlinear SchrÃ¶dinger equation. Nonlinear Dynamics, 2020, 100, 2797-2805.	5.2	21
136	Conservation Laws for Highly Dispersive Optical Solitons in Birefringent Fibers. Regular and Chaotic Dynamics, 2020, 25, 166-177.	0.8	24
137	The mixed interaction of localized, breather, exploding and solitary wave for the (3+1)-dimensional Kadomtsevâ€“Petviashvili equation in fluid dynamics. Nonlinear Dynamics, 2020, 100, 1611-1619.	5.2	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.	5.1	17
139	Solitons in magnetoâ€“optic waveguides with quadraticâ€“cubic nonlinearity. Physics Letters, Section A: General, Atomic and Solid State Physics, 2020, 384, 126456.	2.1	24
140	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.	9.5	48
141	Periodic soliton interactions for higher-order nonlinear SchrÃ¶dinger equation in optical fibers. Nonlinear Dynamics, 2020, 100, 2817-2821.	5.2	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.	3.9	21
143	Sequel to highly dispersive optical soliton perturbation with cubic-quintic-septic refractive index by semi-inverse variational principle. Optik, 2020, 203, 163451.	2.9	16
144	Quasiâ€“monochromatic dynamics of optical solitons having quadraticâ€“cubic nonlinearity. Physics Letters, Section A: General, Atomic and Solid State Physics, 2020, 384, 126528.	2.1	45

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145	Cubicâ€“Quartic Optical Solitons with Differential Group Delay for Kudryashovâ€™s Model by Extended Trial Function. Journal of Communications Technology and Electronics, 2020, 65, 1384-1398.	0.5	13
146	Chirped optical soliton perturbation of Fokasâ€“Lenells equation with full nonlinearity. Advances in Difference Equations, 2020, 2020, .	3.5	16
147	Gaussons: optical solitons with log-law nonlinearity by Laplaceâ€“Adomian decomposition method. Open Physics, 2020, 18, 182-188.	1.7	1
148	Solitons in fiber Bragg gratings with cubicâ€“quartic dispersive reflectivity having Kerr law of nonlinear refractive index. Journal of Nonlinear Optical Physics and Materials, 2020, 29, 2050011.	1.8	5
149	Cubicâ€“quartic solitons in couplers with optical metamaterials having power law of refractive index. Journal of Nonlinear Optical Physics and Materials, 2020, 29, 2050009.	1.8	4
150	Phase-shift controlling of three solitons in dispersion-decreasing fibers. Nonlinear Dynamics, 2019, 98, 395-401.	5.2	118
151	Darboux transformation and analytic solutions for a generalized super-NLS-mKdV equation. Nonlinear Dynamics, 2019, 98, 1491-1500.	5.2	103
152	Optical solitons with Kudryashovâ€™s equation by F-expansion. Optik, 2019, 199, 163338.	2.9	36
153	Optical solitons with complex Ginzburgâ€“Landau equation for two nonlinear forms using F-expansion. Chinese Journal of Physics, 2019, 61, 255-261.	3.9	43
154	Highly dispersive optical soliton perturbation with Kerr law by semi-inverse variational principle. Optik, 2019, 199, 163226.	2.9	17
155	Optical solitons with complex Ginzburgâ€“Landau equation having three nonlinear forms. Physics Letters, Section A: General, Atomic and Solid State Physics, 2019, 383, 126026.	2.1	29
156	Dispersive solitons in optical fibers and DWDM networks with SchrÃ¶dingerâ€“Hirota equation. Optik, 2019, 199, 163214.	2.9	22
157	Optical soliton perturbation of Fokas-Lenells equation by the Laplace-Adomian decomposition algorithm. Journal of the European Optical Society-Rapid Publications, 2019, 15, .	1.9	18
158	Highly dispersive optical soliton perturbation with cubicâ€“quinticâ€“septic refractive index by semi-inverse variational principle. Optik, 2019, 199, 163322.	2.9	25
159	Optical solitons having anti-cubic nonlinearity with two integration architectures. Chinese Journal of Physics, 2019, 60, 659-664.	3.9	11
160	Chirped optical Gausson perturbation with quadraticâ€“cubic nonlinearity by collective variables. Optical and Quantum Electronics, 2019, 51, 1.	3.3	12
161	Highly dispersive optical solitons in absence of self-phase modulation by F-expansion. Optik, 2019, 187, 258-271.	2.9	11
162	Highly dispersive optical solitons in absence of self-phase modulation by exp-function. Optik, 2019, 186, 436-442.	2.9	13

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