Milivoj R Belic

List of Publications by Year
in descending order

516 papers	15,117 citations	20817 60 h-index	45317 90 g-index
518 all docs	518 docs citations	518 times ranked	3104 citing authors

#	Article	IF	Citations
1	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
2	Family of optical solitons for perturbed Fokasâ€“Lenells equation. Optik, 2022, 249, 168224.	2.9	28
3	Two-dimensional asymmetric Laguerre-Gaussian diffraction-free beams. Physics Letters, Section A: General, Atomic and Solid State Physics, 2022, 423, 127818.	2.1	7
4	Cubicâ€“quartic solitons in couplers with optical metamaterials having triple-power law nonlinearity (sequel to polynomial law). Optik, 2022, 250, 168264.	2.9	1
5	Multi-elliptic rogue wave clusters of the nonlinear SchrÃ¶dinger equation on different backgrounds. Nonlinear Dynamics, 2022, 108, 479-490.	5.2	1
6	Chirped optical soliton propagation in birefringent fibers modeled by coupled Fokas-Lenells system. Chaos, Solitons and Fractals, 2022, 155, 111751.	5.1	45
7	Higher-order breathers as quasi-rogue waves on a periodic background. Nonlinear Dynamics, 2022, 107, 3819-3832.	5.2	3
8	On different aspects of the optical rogue waves nature. Nonlinear Dynamics, 2022, 108, 1655-1670.	5.2	10
9	Families of gap solitons and their complexes in media with saturable nonlinearity and fractional diffraction. Nonlinear Dynamics, 2022, 108, 1671-1680.	5.2	21
10	Controllable two-dimensional diffraction-free polygon beams. Physics Letters, Section A: General, Atomic and Solid State Physics, 2022, 432, 128009.	2.1	4
11	Single-Atom Catalysts Supported by Graphene and Hexagonal Boron Nitride: Structural Stability in the Oxygen Environment. Journal of Physical Chemistry C, 2022, 126, 8637-8644.	3.1	2
12	Beam Steering Efficiency in Resonant Reflective Metasurfaces. IEEE Journal of Selected Topics in Quantum Electronics, 2021, 27, 1-8.	2.9	7
13	Optical solitons and conservation laws of Kudryashov's equation with improved modified extended tanh-function. Optik, 2021, 225, 165406.	2.9	55
14	Gausson parameter dynamics in ENZ-material based waveguides using moment method. Optik, 2021, 227, 165273.	2.9	4
15	Circular Polarization Selective Metamaterial Absorber in Terahertz Frequency Range. IEEE Journal of Selected Topics in Quantum Electronics, 2021, 27, 1-6.	2.9	16
16	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
17	Solitons and conservation laws in magnetoâ€“optic waveguides with generalized Kudryashovâ€™s equation. Chinese Journal of Physics, 2021, 69, 186-205.	3.9	33
18	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

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19	Optical soliton perturbation with Kudryashovâ€™s law of arbitrary refractive index. Journal of Optics (India), 2021, 50, 245-252.	1.7	10
20	Optical soliton polarization with Lakshmananâ€“Porseziânâ€“Daniel model by unified approach. Results in Physics, 2021, 22, 103958.	4.1	31
21	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
22	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
23	Breather solutions of the nonlocal nonlinear self-focusing SchrÃ¶dinger equation. Physics Letters, Section A: General, Atomic and Solid State Physics, 2021, 395, 127228.	2.1	20
24	Propagation of chirped periodic and localized waves with higher-order effects through optical fibers. Chaos, Solitons and Fractals, 2021, 146, 110873.	5.1	25
25	Cubicâ€“quartic optical soliton perturbation with Lakshmananâ€“Porseziânâ€“Daniel model. Optik, 2021, 233, 166385.	2.9	16
26	Cubicâ€“quartic optical soliton perturbation in polarization-preserving fibers with Fokasâ€“Lenells equation. Optik, 2021, 234, 166543.	2.9	19
27	Gray optical dips of Kundu-Mukherjee-Naskar model. Physics Letters, Section A: General, Atomic and Solid State Physics, 2021, 401, 127341.	2.1	9
28	Cubicâ€“quartic optical solitons with Kudryashov's arbitrary form of nonlinear refractive index. Optik, 2021, 238, 166747.	2.9	12
29	Formation of chirped kink similaritons in non-Kerr media with varying Raman effect. Results in Physics, 2021, 26, 104381.	4.1	9
30	Cubicâ€“quartic optical soliton perturbation with Fokasâ€“Lenells equation by sineâ€“Gordon equation approach. Results in Physics, 2021, 26, 104409.	4.1	13
31	Highly dispersive optical solitons and conservation laws with Kudryashovâ€™s sextic power-law of nonlinear refractive index. Optik, 2021, 240, 166915.	2.9	3
32	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
33	Solitons in nonlinear directional couplers with optical metamaterials by unified Riccati equation approach. Optik, 2021, 241, 167244.	2.9	13
34	Multipole solitons in cold atomic gases with parity-time potential. Optik, 2021, 243, 167386.	2.9	0
35	Cubicâ€“quartic solitons for twin-core couplers in optical metamaterials. Optik, 2021, 245, 167632.	2.9	7
36	Solitons in spin-orbit-coupled systems with fractional spatial derivatives. Chaos, Solitons and Fractals, 2021, 152, 111406.	5.1	11

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37	Algorithm for dark solitons with Radhakrishnanâ€“Kunduâ€“Lakshmanan model in an optical fiber. Results in Physics, 2021, 30, 104806.	4.1	14
38	Chirped optical solitons having polynomial law of nonlinear refractive index with self-steepening and nonlinear dispersion. Physics Letters, Section A: General, Atomic and Solid State Physics, 2021, 417, 127698.	2.1	11
39	Cubicâ€“quartic solitons in couplers with optical metamaterials having parabolic law nonlinearity. Optik, 2021, 247, 167960.	2.9	3
40	Cubicâ€“quartic solitons in couplers with optical metamaterials having dual-power law of nonlinearity. Optik, 2021, 247, 167969.	2.9	2
41	Cubicâ€“quartic solitons in couplers with optical metamaterials having polynomial law of nonlinearity. Optik, 2021, 248, 168087.	2.9	7
42	Three-dimensional spatiotemporal nondiffracting parabolic cylinder beams. Physical Review A, 2021, 104, .	2.5	3
43	Optical solitons in birefringent fibers with Lakshmananâ€“Porseziânâ€“Daniel model by the aid of a few insightful algorithms. Optik, 2020, 200, 163281.	2.9	8
44	Optical solitons with Kudryashovâ€™s equation by extended trial function. Optik, 2020, 202, 163290.	2.9	56
45	Optical solitons in birefringent fibers having anti-cubic nonlinearity with a few prolific integration algorithms. Optik, 2020, 200, 163229.	2.9	13
46	Optical solitons in birefringent fibers with quadraticâ€“cubic refractive index by Ï•6â€“model expansion. Optik, 2020, 202, 163620.	2.9	12
47	Dispersive optical dromions and domain walls with a few golden integration formulae. Optik, 2020, 202, 163439.	2.9	6
48	Cubic-quartic bright optical solitons with improved Adomian decomposition method. Journal of Advanced Research, 2020, 21, 161-167.	9.5	44
49	Solitons in the two-dimensional fractional SchrÃ¶dinger equation with radially symmetric PT potential. Optik, 2020, 202, 163652.	2.9	4
50	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
51	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
52	Localized dynamical behavior in the (2+1)-dimensional sine-Gordon equation. Optik, 2020, 204, 164115.	2.9	1
53	Optical solitons with differential group delay for complex Ginzburgâ€“Landau equation. Results in Physics, 2020, 16, 102888.	4.1	12
54	Optical solitons with Chenâ€“Leeâ€“Liu equation by Lie symmetry. Physics Letters, Section A: General, Atomic and Solid State Physics, 2020, 384, 126202.	2.1	35

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55	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
56	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
57	Optical dromions, domain walls and conservation laws with Kunduâ€“Mukherjeeâ€“Naskar equation via traveling waves and Lie symmetry. Results in Physics, 2020, 16, 102850.	4.1	38
58	Conservation laws for optical solitons with polynomial and triple-power laws of refractive index. Optik, 2020, 202, 163476.	2.9	8
59	Cubicâ€“quartic optical solitons in birefringent fibers with four forms of nonlinear refractive index. Optik, 2020, 203, 163885.	2.9	18
60	Solitons and conservation laws in magneto-optic waveguides with triple-power law nonlinearity. Journal of Optics (India), 2020, 49, 584-590.	1.7	54
61	Optical soliton perturbation with exotic forms of nonlinear refractive index. Optik, 2020, 223, 165329.	2.9	2
62	Pure-cubic optical soliton perturbation with full nonlinearity by unified Riccati equation expansion. Optik, 2020, 223, 165445.	2.9	32
63	Accessible solitons in three-dimensional parabolic cylindrical coordinates. Physics Letters, Section A: General, Atomic and Solid State Physics, 2020, 384, 126914.	2.1	5
64	Solitons in nonlinear directional couplers with optical metamaterials by first integral method. Optik, 2020, 218, 165208.	2.9	13
65	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
66	Computational investigation of cobalt and copper bis (oxothiolene) complexes as an alternative for olefin purification. Journal of Molecular Modeling, 2020, 26, 205.	1.8	0
67	Solitions in magnetoâ€“optic waveguides with antiâ€“cubic nonlinearity. Optik, 2020, 222, 165313.	2.9	10
68	Pure-cubic optical soliton perturbation with full nonlinearity. Optik, 2020, 222, 165394.	2.9	19
69	Dark solitons in the inhomogeneous self-defocusing Kerr media. Optik, 2020, 222, 165417.	2.9	7
70	Solitons in magnetoâ€“optic waveguides with Kudryashovâ€™s law of refractive index. Chaos, Solitons and Fractals, 2020, 140, 110129.	5.1	32
71	Solitons in magnetoâ€“optic waveguides with parabolic law nonlinearity. Optik, 2020, 222, 165314.	2.9	2
72	Solitons and conservation laws in magneto-optic waveguides with polynomial law nonlinearity. Optik, 2020, 223, 165397.	2.9	1

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73	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
74	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
75	Light propagation along a helical waveguide: variational approach. Optical and Quantum Electronics, 2020, 52, 1.	3.3	1
76	Manipulation of Airy Beams in Dynamic Parabolic Potentials. Annalen Der Physik, 2020, 532, 1900584.	2.4	9
77	Optical solitons in birefringent fibers with Radhakrishnanâ€“Kunduâ€“Lakshmanan equation by a couple of strategically sound integration architectures. Chinese Journal of Physics, 2020, 65, 341-354.	3.9	19
78	Optical solitons in birefringent fibers for Radhakrishnanâ€“Kunduâ€“Lakshmanan equation with five prolific integration norms. Optik, 2020, 208, 164550.	2.9	28
79	Embedded solitons in the $$(2+1)$$-dimensional sine-Gordon equation. Nonlinear Dynamics, 2020, 100, 1519-1526.	5.2	9
80	Self-frequency shift effect for chirped self-similar solitons in a tapered graded-indexed waveguide. Optics Communications, 2020, 468, 125800.	2.1	13
81	Cubic quintic Ginzburg Landau equation as a model for resonant interaction of EM field with nonlinear media. Optical and Quantum Electronics, 2020, 52, 1.	3.3	7
82	Soliton perturbation and conservation laws in magneto-optic waveguides with parabolic law nonlinearity. Optik, 2020, 220, 165196.	2.9	9
83	Optical soliton perturbation with Chenâ€“Leeâ€“Liu equation. Optik, 2020, 220, 165177.	2.9	48
84	Transient optical response of cold Rydberg atoms with electromagnetically induced transparency. Physical Review A, 2020, 101, .	2.5	23
85	Excitations of nonlinear local waves described by the sinh-Gordon equation with a variable coefficient. Physics Letters, Section A: General, Atomic and Solid State Physics, 2020, 384, 126264.	2.1	2
86	Spatiotemporal solitons in cold Rydberg atomic gases with Bessel optical lattices. Applied Mathematics Letters, 2020, 106, 106230.	2.7	36
87	Optical solitons with generalized anti-cubic nonlinearity by Lie symmetry. Optik, 2020, 206, 163638.	2.9	27
88	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
89	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
90	Parity-time symmetry light bullets in a cold Rydberg atomic gas. Optics Express, 2020, 28, 16322.	3.4	31

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91	Depth distribution of organic matter concentration and stocks in soils of Vojvodina. Zbornik Matice Srpske Za Prirodne Nauke, 2020, , 19-29.	0.1	0
92	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
93	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
94	Visible light absorption of surface-modified Al2O3 powders: A comparative DFT and experimental study. Microporous and Mesoporous Materials, 2019, 273, 41-49.	4.4	15
95	Electronic structure of surface complexes between CeO2 and benzene derivatives: A comparative experimental and DFT study. Materials Chemistry and Physics, 2019, 236, 121816.	4.0	4
96	Propagation of chirped optical similaritons in inhomogeneous tapered centrosymmetric nonlinear waveguides doped with resonant impurities. Laser Physics, 2019, 29, 085401.	1.2	4
97	Nonlinear control of spatial Thirring vector solitons in electromagnetically induced transparency. Optik, 2019, 193, 163029.	2.9	2
98	Sub pico-second optical pulses in birefringent fibers for Kaupâ€“Newell equation with cutting-edge integration technologies. Results in Physics, 2019, 15, 102660.	4.1	20
99	Optical solitons with nonlocal-parabolic combo nonlinearity by Lie symmetry analysis coupled with modified Gâ€²/G-expansion. Results in Physics, 2019, 15, 102713.	4.1	14
100	Optical solitons with Kudryashovâ€™s equation by F-expansion. Optik, 2019, 199, 163338.	2.9	36
101	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
102	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
103	Dispersive solitons in optical fibers and DWDM networks with SchrÃ¶dingerâ€“Hirota equation. Optik, 2019, 199, 163214.	2.9	22
104	Conical Diffraction from Approximate Dirac Cone States in a Superhoneycomb Lattice. Annalen Der Physik, 2019, 531, 1900295.	2.4	5
105	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
106	New traveling wave and soliton solutions of the sine-Gordon equation with a variable coefficient. Optik, 2019, 198, 163247.	2.9	4
107	Bright and singular optical solitons for Kaupâ€“Newell equation with two fundamental integration norms. Optik, 2019, 182, 594-597.	2.9	34
108	Electrically Tunable Metalâ€“Semiconductorâ€“Metal Terahertz Metasurface Modulators. IEEE Journal of Selected Topics in Quantum Electronics, 2019, 25, 1-8.	2.9	30

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109	Vortex solitons in Boseâ€“Einstein condensates with spinâ€“orbit coupling and Gaussian optical lattices. Applied Mathematics Letters, 2019, 92, 15-21.	2.7	10
110	Highly dispersive optical solitons with cubicâ€“quinticâ€“septic law by exp-expansion. Optik, 2019, 186, 321-325.	2.9	40
111	Optical solitons having anti-cubic nonlinearity with two integration architectures. Chinese Journal of Physics, 2019, 60, 659-664.	3.9	11
112	Optical solitons in birefringent fibers with Lakshmananâ€“Porsezianâ€“Daniel model by modified simple equation. Optik, 2019, 192, 162899.	2.9	33
113	Optical soliton perturbation in parabolic law medium having weak non-local nonlinearity by a couple of strategic integration architectures. Results in Physics, 2019, 13, 102334.	4.1	6
114	Optical soliton perturbation with quadratic-cubic nonlinearity by mapping methods. Chinese Journal of Physics, 2019, 60, 632-637.	3.9	13
115	Talbot carpets by rogue waves of extended nonlinear SchrÃ¶dinger equations. Nonlinear Dynamics, 2019, 97, 1215-1225.	5.2	3
116	Self-similar solitons in optical waveguides with dual-power law refractive index. Laser Physics, 2019, 29, 075401.	1.2	5
117	Highly dispersive optical solitons with non-local nonlinearity by exp-function. Optik, 2019, 186, 288-292.	2.9	32
118	Control of dark and anti-dark solitons in the (2+1)-dimensional coupled nonlinear SchrÃ¶dinger equations with perturbed dispersion and nonlinearity in a nonlinear optical system. Nonlinear Dynamics, 2019, 97, 471-483.	5.2	41
119	Optical solitons in birefringent fibers having anti-cubic nonlinearity with exp-function. Optik, 2019, 186, 363-368.	2.9	15
120	Highly dispersive optical solitons with quadraticâ€“cubic law by exp-function. Optik, 2019, 186, 431-435.	2.9	22
121	Ab Initio Study of the Electronic, Vibrational, and Mechanical Properties of the Magnesium Diboride Monolayer. Condensed Matter, 2019, 4, 37.	1.8	9
122	Cubic-quartic optical soliton perturbation by semi-inverse variational principle. Optik, 2019, 185, 45-49.	2.9	27
123	Optical solitons in birefringent fibers having anti-cubic nonlinearity with extended trial function. Optik, 2019, 185, 456-463.	2.9	16
124	Optical solitons in fiber Bragg gratings with dispersive reflectivity for quadraticâ€“cubic nonlinearity by extended trial function method. Optik, 2019, 185, 50-56.	2.9	31
125	Highly dispersive optical solitons with Kerr law nonlinearity by exp-function. Optik, 2019, 185, 121-125.	2.9	18
126	Optical solitons having anti-cubic nonlinearity with strategically sound integration architectures. Optik, 2019, 185, 57-70.	2.9	12

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127	Optical solitons and other solutions with anti-cubic nonlinearity by Lie symmetry analysis and additional integration architectures. Optik, 2019, 185, 30-38.	2.9	19
128	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si9.gif" overflow="scroll"><mml:mi mathvariant="italic">W</mml:mi></mml:math>-shaped and bright optical solitons in negative indexed materials. Chaos, Solitons and Fractals, 2019, 123, 101-107.	5.1	25
129	Highly dispersive optical solitons with cubic-quintic-septic law by F-expansion. Optik, 2019, 182, 897-906.	2.9	114
130	Generation of spatiotemporal Airy-Bessel wave packets. Optik, 2019, 183, 441-444.	2.9	1
131	Optical solitons for Lakshmananâ€“Porseziânâ€“Daniel model by Riccati equation approach. Optik, 2019, 182, 922-929.	2.9	38
132	Highly dispersive optical solitons with undetermined coefficients. Optik, 2019, 182, 890-896.	2.9	48
133	Highly dispersive optical solitons with quadratic-cubic law by F-expansion. Optik, 2019, 182, 930-943.	2.9	52
134	Adiabatic Vlasov theory of ultrastrong femtosecond laser pulse propagation in plasma. The scaling of ultrarelativistic quasi-stationary states: spikes, peakons, and bubbles. Physics of Plasmas, 2019, 26, 123104.	1.9	1
135	Chirped bright and double-kinked quasi-solitons in optical metamaterials with self-steepening nonlinearity. Journal of Modern Optics, 2019, 66, 192-199.	1.3	14
136	Generation and control of multiple solitons under the influence of parameters. Nonlinear Dynamics, 2019, 95, 143-150.	5.2	106
137	Propagation of chirped gray optical dips in nonlinear metamaterials. Optics Communications, 2019, 430, 461-466.	2.1	30
138	Topological insulator properties of photonic kagome helical waveguide arrays. Results in Physics, 2019, 12, 996-1001.	4.1	17
139	Multipole solitons in a cold atomic gas with a parity-time symmetric potential. Nonlinear Dynamics, 2019, 95, 2325-2332.	5.2	7
140	Breathers, solitons and rogue waves of the quintic nonlinear SchrÃ¶dinger equation on various backgrounds. Nonlinear Dynamics, 2019, 95, 2855-2865.	5.2	21
141	Optical solitons in (2+1)â€“Dimensions with Kunduâ€“Mukherjeeâ€“Naskar equation by extended trial function scheme. Chinese Journal of Physics, 2019, 57, 72-77.	3.9	125
142	Bright optical solitons for Lakshmananâ€“Porseziânâ€“Daniel model with spatio-temporal dispersion by improved Adomian decomposition method. Optik, 2019, 181, 891-897.	2.9	17
143	Bright optical solitons of Chen-Lee-Liu equation with improved Adomian decomposition method. Optik, 2019, 181, 964-970.	2.9	24
144	Self-similar optical solitons with continuous-wave background in a quadraticâ€“cubic non-centrosymmetric waveguide. Optics Communications, 2019, 437, 392-398.	2.1	39

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145	Solitons in nonlinear directional couplers with optical metamaterials by exp(â^'â€Î¦ (Î¾))-expansion. Optik, 2019, 179, 443-462.	2.9	18
146	Optical solitons pertutabation with Fokas-Lenells equation by exp(â^'Ï•(Î¾))-expansion method. Optik, 2019, 179, 341-345.	2.9	31
147	Dispersive solitons in optical metamaterials having parabolic form of nonlinearity. Optik, 2019, 179, 1009-1018.	2.9	13
148	Optical solitons for higher-order nonlinear SchrÃ¶dingerâ€™s equation with three exotic integration architectures. Optik, 2019, 179, 861-866.	2.9	19
149	Resonant optical solitons with fractional temporal evolution by modified extended direct algebraic method. Optik, 2019, 181, 1075-1079.	2.9	3
150	Solitons in optical fiber Bragg gratings with dispersive reflectivity by extended trial function method. Optik, 2019, 182, 88-94.	2.9	50
151	Highly dispersive optical solitons with Kerr law nonlinearity by F-expansion. Optik, 2019, 181, 1028-1038.	2.9	118
152	Solitons in optical fiber Bragg gratings with dispersive reflectivity. Optik, 2019, 182, 119-123.	2.9	35
153	Oblique resonant optical solitons with Kerr and parabolic law nonlinearities and fractional temporal evolution by generalized exp(â^'Î¦ (Î¾))-expansion. Optik, 2019, 178, 439-448.	2.9	40
154	Bright soliton interactions in a $$mathbf (2 +mathbf 1) $$ (2 + 1) -dimensional fourth-order variable-coefficient nonlinear SchrÃ¶dinger equation for the Heisenberg ferromagnetic spin chain. Nonlinear Dynamics, 2019, 95, 983-994.	5.2	34
155	Stochastic perturbation of optical Gaussons with bandpass filters and multi-photon absorption. Optik, 2019, 178, 297-300.	2.9	10
156	Conservation laws for optical solitons with non-local nonlinearity. Optik, 2019, 178, 846-849.	2.9	3
157	Stochastic perturbation of optical solitons having anti-cubic nonlinearity with bandpass filters and multi-photon absorption. Optik, 2019, 178, 1120-1124.	2.9	20
158	Optical solitons in birefringent fibers with Kundu-Eckhaus equation. Optik, 2019, 178, 550-556.	2.9	29
159	Optical solitons in birefringent fibers with weak non-local nonlinearity using two forms of integration architecture. Optik, 2019, 178, 669-680.	2.9	14
160	Chirped and chirp-free optical solitons with generalized anti-cubic nonlinearity by extended trial function scheme. Optik, 2019, 178, 636-644.	2.9	36
161	Optical soliton molecules in birefringent fibers having weak non-local nonlinearity and four-wave mixing with a couple of strategic integration architectures. Optik, 2019, 179, 927-940.	2.9	14
162	Optical solitons in birefringent fibers with quadraticâ€“cubic nonlinearity by extended trial function scheme. Optik, 2019, 176, 542-548.	2.9	18

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163	Optical solitons in birefringent fibers with quadratic-cubic nonlinearity by extended Jacobi's elliptic function expansion. Optik, 2019, 178, 117-121.	2.9	7
164	Optical solitons in birefringent fibers with quadraticâ€“cubic nonlinearity by extended Gâ€²/G-expansion scheme. Optik, 2019, 178, 59-65.	2.9	22
165	Chirped singular and combo optical solitons for Chenâ€“Leeâ€“Liu equation with three forms of integration architecture. Optik, 2019, 178, 172-177.	2.9	17
166	Chirped envelope optical solitons for Kaupâ€“Newell equation. Optik, 2019, 177, 1-7.	2.9	31
167	Interaction properties of solitonics in inhomogeneous optical fibers. Nonlinear Dynamics, 2019, 95, 557-563.	5.2	116
168	Generating Lieb and super-honeycomb lattices by employing the fractional Talbot effect. Journal of the Optical Society of America B: Optical Physics, 2019, 36, 862.	2.1	10
169	Asymmetric conical diffraction in dislocated edge-centered square lattices. Optics Express, 2019, 27, 6300.	3.4	9
170	Asymmetric conical diffraction in dislocated edge-centered square lattices: erratum. Optics Express, 2019, 27, 24498.	3.4	0
171	Optical solitons and group invariant solutions to Lakshmananâ€“Porsezianâ€“Daniel model in optical fibers and PCF. Optik, 2018, 160, 86-91.	2.9	35
172	Formic Acid Synthesis by CO₂ Hydrogenation over Singleâ€Atom Catalysts Based on Ru and Cu Embedded in Graphene. ChemistrySelect, 2018, 3, 2631-2637.	1.5	31
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