Hadi ezzatzadeh

List of Publications by Year
in descending order

220 papers	7,402 citations	47006 47 h-index	76900 74 g-index
225 all docs	225 docs citations	225 times ranked	1188 citing authors

#	Article	IF	Citations
1	Application of modified Mickens iteration procedure to a pendulum and the motion of a mass attached to a stretched elastic wire. International Journal of Nonlinear Sciences and Numerical Simulation, 2023, 24, 2369-2381.	1.0	2
2	The (3 + 1)-dimensional Wazwazâ€"KdV equations: the conservation laws and exact solutions. International Journal of Nonlinear Sciences and Numerical Simulation, 2023, 24, 673-693.	1.0	3
3	New soliton wave solutions of a (2Â+Â1)-dimensional Sawada-Kotera equation. Journal of Ocean Engineering and Science, 2023, 8, 527-532.	4.3	11
4	Tangent nonlinear equation in context of fractal fractional operators with nonsingular kernel. Mathematical Sciences, 2022, 16, 121-131.	1.7	11
5	Chirped W-shape bright, dark and other solitons solutions of a conformable fractional nonlinear SchrÃ¶dingerâ€™s equation in nonlinear optics. Indian Journal of Physics, 2022, 96, 243-255.	1.8	6
6	The new soliton solutions for long and short-wave interaction system. Journal of Ocean Engineering and Science, 2022, 7, 485-491.	4.3	11
7	Optical solitons of nonlinear complex Ginzburgâ€"Landau equation via two modified expansion schemes. Optical and Quantum Electronics, 2022, 54, 1.	3.3	69
8	Analytical solutions to the fractional Lakshmananâ€"Porsezianâ€"Daniel model. Optical and Quantum Electronics, 2022, 54, 1.	3.3	15
9	New solutions for the generalized resonant nonlinear SchrÃ¶dinger equation. Results in Physics, 2022, 33, 105153.	4.1	48
10	Traveling-wave solutions of the Kleinâ€"Gordon equations with M-fractional derivative. Pramana - Journal of Physics, 2022, 96, 1.	1.8	8
11	The integrable Boussinesq equation and itâ€™s breather, lump and soliton solutions. Nonlinear Dynamics, 2022, 107, 2703-2716.	5.2	45
12	Sundry optical solitons and modulational instability in Sasa-Satsuma model. Optical and Quantum Electronics, 2022, 54, 1.	3.3	9
13	New perturbed conformable Boussinesq-like equation: Soliton and other solutions. Results in Physics, 2022, 33, 105200.	4.1	42
14	Optical solitons related to (2+1)-dimensional Kunduâ€"Mukherjeeâ€"Naskar model using an innovative integration architecture. Journal of Nonlinear Optical Physics and Materials, 2022, 31, .	1.8	14
15	Three types of periodic solutions of new (3â€‰+â€‰1)â€‰dimensional Boitiâ€"Leonâ€"Mannaâ€"Pempinelli equation via bilinear neural network method. Mathematical Methods in the Applied Sciences, 2022, 45, 5612-5621.	2.3	22
16	Obtaining exact solutions of nonlinear partial differential equations via two different methods. International Journal of Modern Physics B, 2022, 36, .	2.0	16
17	Propagation of diverse exact solitary wave solutions in separation phase of iron (Fe-Cr â‹ X(X =) Tj ETQq1 1 0.784314 rgBT /Overlock	2.0	36
18	Study on abundant explicit wave solutions of the thin-film Ferro-electric materials equation. Optical and Quantum Electronics, 2022, 54, 1.	3.3	15

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19	Analysis of dengue transmission using fractional order scheme. AIMS Mathematics, 2022, 7, 8408-8429.	1.6	15
20	Computational techniques to study the dynamics of generalized unstable nonlinear Schrödinger equation. Journal of Ocean Engineering and Science, 2022, , .	4.3	48
21	Numerical solutions to the 1-D Burgersâ€™ equation by a cubic Hermite finite element method. Indian Journal of Physics, 2022, 96, 3831-3836.	1.8	1
22	Dynamical behaviour of Chiral nonlinear Schrödinger equation. Optical and Quantum Electronics, 2022, 54, 1.	3.3	55
23	Optical solitons of (3â€‰+â€‰1) dimensional and coupled nonlinear Schrodinger equations. Optical and Quantum Electronics, 2022, 54, 1.	3.3	24
24	Analysis of the Fuzzy Fractional-Order Solitary Wave Solutions for the KdV Equation in the Sense of Caputo-Fabrizio Derivative. Journal of Mathematics, 2022, 2022, 1-12.	1.0	13
25	New explicit and exact traveling waves solutions to the modified complex Ginzburg Landau equation. Optical and Quantum Electronics, 2022, 54, 1.	3.3	6
26	New solutions to the generalized (2+1)-D Boitiâ€"Leonâ€"Pempinelli equation. Journal of Ocean Engineering and Science, 2022, , .	4.3	5
27	Manakov model of coupled NLS equationÂ and its optical soliton solutions. Journal of Ocean Engineering and Science, 2022, , .	4.3	11
28	An effective numerical simulation for solving a class of Fokkerâ€"Planck equations using Laguerre wavelet method. Mathematical Methods in the Applied Sciences, 2022, 45, 6824-6843.	2.3	6
29	The novel soliton solutions for the conformable perturbed nonlinear Schrödinger equation. Modern Physics Letters B, 2022, 36, .	1.9	49
30	New-fashioned solitons of coupled nonlinear Maccari systems describing the motion of solitary waves in fluid flow. Journal of Ocean Engineering and Science, 2022, , .	4.3	6
31	Exact solitary optical wave solutions and modulational instability of the truncated $$varOmega$$-$$fractional Lakshamananâ€"Porsezianâ€"Daniel model with Kerr, parabolic, and anti-cubic nonlinear laws. Optical and Quantum Electronics, 2022, 54, 1.	3.3	7
32	Optical solitons in metamaterials with third and fourth order dispersions. Optical and Quantum Electronics, 2022, 54, 1.	3.3	57
33	Reply on the Comment on Optical Soliton to Multi-Core (Coupling with all the neighbors) Directional Couplers and Modulation Instability. European Physical Journal Plus, 2022, 137, 1.	2.6	2
34	New multi-wave solutions of the conformable LPD model with nonlinear wave phenomena arise in mathematical physics. Journal of Ocean Engineering and Science, 2022, , .	4.3	3
35	Non-topological, topological and rogue wave Soliton solutions for Sharma Tasso Olver equation. Journal of Ocean Engineering and Science, 2022, , .	4.3	5
36	New Exact and Solitary Wave Solutions of Nonlinear Schamelâ€"KdV Equation. International Journal of Applied and Computational Mathematics, 2022, 8, .	1.6	18

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#	ARTICLE	IF	CITATIONS
37	An efficient technique for generalized conformableÂPochhammerâ€"Chree models of longitudinal wave propagation of elastic rod. Indian Journal of Physics, 2022, 96, 4209-4218.	1.8	13
38	New optical analytical solutions to the full nonlinearity form of the spaceâ€"time Fokasâ€"Lenells model of fractional-order. International Journal of Modern Physics B, 2022, 36, .	2.0	6
39	An efficient computational technique for class of generalized Boussinesq shallow-water wave equations. Journal of Ocean Engineering and Science, 2022, , .	4.3	5
40	Novel exact and solitary solutions of conformable Kleinâ€"Gordon equationÂvia Sardar-subequation method. Journal of Ocean Engineering and Science, 2022, , .	4.3	12
41	A partial offloading algorithm based on intelligent sensing. International Journal of Modern Physics B, 2022, 36, .	2.0	5
42	On soliton solutions for perturbed Fokasâ€"Lenells equation. Optical and Quantum Electronics, 2022, 54, .	3.3	17
43	A novel approach to study generalized coupled cubic SchrÃ¶dingerâ€"Korteweg-de Vries equations. Journal of Ocean Engineering and Science, 2022, , .	4.3	14
44	Traveling wave solutions of the generalized Rosenauâ€"Kawahara-RLW equation via the sineâ€"cosine method and a generalized auxiliary equation method. International Journal of Nonlinear Sciences and Numerical Simulation, 2022, 23, 539-551.	1.0	3
45	Application of a Novel Collocation Approach for Simulating a Class of Nonlinear Third-Order Laneâ€"Emden Model. Mathematical Problems in Engineering, 2022, 2022, 1-16.	1.1	2
46	Dynamics of optical pulses in birefringent fibers without four-wave mixing effect via efficient computational techniques. Journal of Ocean Engineering and Science, 2022, , .	4.3	1
47	New analytical solutions by the application of the modified double sub-equation method to the (1 +) Tj ETQq1 1 0.784314 rgBT /Over 085218.	2.5	6
48	A numerical approach for the nonlinear temporal conformable fractional foam drainage equation. Asian-European Journal of Mathematics, 2021, 14, 2150089.	0.5	8
49	New extended direct algebraic method for the resonant nonlinear SchrÃ¶dinger equation with Kerr law nonlinearity. Optik, 2021, 227, 165936.	2.9	49
50	Traveling wave with beta derivative spatial-temporal evolution for describing the nonlinear directional couplers with metamaterials via two distinct methods. AEJ - Alexandria Engineering Journal, 2021, 60, 1055-1065.	6.4	33
51	The simplest equation approach for solving non-linear TzitzÃ©ica type equations in non-linear optics. Modern Physics Letters B, 2021, 35, 2150132.	1.9	13
52	Application of Modified Extended Tanh Technique for solving Complex Ginzburg-Landau Equation considering Kerr Law Nonlinearity. Computers, Materials and Continua, 2021, 66, 1369-1378.	1.9	19
53	A Lie group integrator to solve the hydromagnetic stagnation point flow of a second grade fluid over a stretching sheet. AIMS Mathematics, 2021, 6, 13392-13406.	1.6	16
54	New exact traveling wave solutions to the (2+1)-dimensional Chiral nonlinear SchrÃ¶dinger equation. Mathematical Modelling of Natural Phenomena, 2021, 16, 38.	2.4	43

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55	On the optical solutions to nonlinear Schrödinger equation with second-order spatiotemporal dispersion. Open Physics, 2021, 19, 111-118.	1.7	11
56	Bright and Singular Optical Solitons in Nonlinear Negative-Index Materials with Quadratic–Cubic Nonlinearity. Arabian Journal for Science and Engineering, 2021, 46, 5977-5991.	3.0	1
57	Analytical optical pulses and bifurcation analysis for the traveling optical pulses of the hyperbolic nonlinear Schrödinger equation. Optical and Quantum Electronics, 2021, 53, 1.	3.3	34
58	Dynamical Behavior of Traveling Wave Solutions for a (2+1)-Dimensional Bogoyavlenskii Coupled System. Qualitative Theory of Dynamical Systems, 2021, 20, 1.	1.7	32
59	New solitary wave solutions to the coupled Maccari's system. Results in Physics, 2021, 21, 103801.	4.1	35
60	A study of travelling, periodic, quasiperiodic and chaotic structures of perturbed Fokas–Lenells model. Pramana - Journal of Physics, 2021, 95, 1.	1.8	65
61	DISPERSIVE SOLITARY WAVE SOLUTIONS OF COUPLING BOITI-LEON-PEMPINELLI SYSTEM USING TWO DIFFERENT METHODS. Journal of Science and Arts, 2021, 21, 91-104.	0.3	4
62	Novel dynamical behaviors of interaction solutions of the (3+1)-dimensional generalized B-type Kadomtsev-Petviashvili model. Physica Scripta, 2021, 96, 125236.	2.5	4
63	Analytical survey of the predator–prey model with fractional derivative order. AIP Advances, 2021, 11, .	1.3	19
64	Optical soliton to multi-core (coupling with all the neighbors) directional couplers and modulation instability. European Physical Journal Plus, 2021, 136, 1.	2.6	29
65	Optical solitons for the decoupled nonlinear Schrödinger equation using Jacobi elliptic approach. Communications in Theoretical Physics, 2021, 73, 075003.	2.5	15
66	Lie analysis, conserved quantities and solitonic structures of Calogero-Degasperis-Fokas equation. AEJ - Alexandria Engineering Journal, 2021, 60, 2513-2523.	6.4	13
67	Computational solutions of the generalized Ito equation in nonlinear dispersive systems. International Journal of Modern Physics B, 2021, 35, 2150172.	2.0	6
68	New exact solutions for nonlinear Atangana conformable Boussinesq-like equations by new Kudryashov method. International Journal of Modern Physics B, 2021, 35, 2150163.	2.0	16
69	New shape of the chirped bright, dark optical solitons and complex solutions for (2+1) Ginzburg-Landau equation. Revista Mexicana De Física, 2021, 67, 040702.	0.4	0
70	New wave surfaces and bifurcation of nonlinear periodic waves for Gilson-Pickering equation. Results in Physics, 2021, 24, 104192.	4.1	21
71	Solitary wave solutions in two-Core optical fibers with coupling-coefficient dispersion and Kerr nonlinearity. Revista Mexicana De Física, 2021, 67, .	0.4	0
72	Optical soliton solutions of the generalized non-autonomous nonlinear Schrödinger equations by the new Kudryashov's method. Results in Physics, 2021, 24, 104179.	4.1	73

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73	Bright and singular soliton solutions to the Atangana-Baleanu fractional system of equations for the ISALWs. Journal of King Saud University - Science, 2021, 33, 101420.	3.5	11
74	Optical soliton with Kudryashovâ€™s equation via sine-Gordon expansion and Kudryashov methods. Optical and Quantum Electronics, 2021, 53, 1.	3.3	28
75	Wave behaviors of Kunduâ€"Mukherjeeâ€"Naskar model arising in optical fiber communication systems with complex structure. Optical and Quantum Electronics, 2021, 53, 1.	3.3	17
76	Soliton solutions of nonlinear Boussinesq models using the exponential function technique. Physica Scripta, 2021, 96, 105209.	2.5	9
77	Abundant optical soliton solutions for an integrable <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si12.svg"><mml:mrow><mml:mo stretchy="false">(</mml:mo><mml:mn>2</mml:mn><mml:mo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 582 Td (linebreak="badbr... SchrÃ¶dinger system. Results in Physics, 2021, 25, 104177.	4.1	51
78	Closed Form Solutions of the Perturbed GerdjikovIvanov Equation With Variable Coefficients. East Asian Journal on Applied Mathematics, 2021, 11, 207-218.	0.9	20
79	The solitary wave solutions to the Kleinâ€"Gordonâ€"Zakharov equations by extended rational methods. AIP Advances, 2021, 11, 065218.	1.3	4
80	Soliton solutions to the Boussinesq equation through sine-Gordon method and Kudryashov method. Results in Physics, 2021, 25, 104228.	4.1	117
81	Optical soliton solutions for the coupled conformable Fokasâ€"Lenells equation with spatio-temporal dispersion. Results in Physics, 2021, 26, 104388.	4.1	33
82	Dark wave, rogue wave and perturbation solutions of Ivancevic option pricing model. Nonlinear Dynamics, 2021, 105, 2539-2548.	5.2	47
83	Nonlinear dispersion in parabolic law medium and its optical solitons. Results in Physics, 2021, 26, 104411.	4.1	92
84	New optical soliton solutions of the Chenâ€"Leeâ€"Liu equation. International Journal of Modern Physics B, 2021, 35, 2150184.	2.0	6
85	Numerical Solutions of Time Fractional Zakharov-Kuznetsov Equation via Natural Transform Decomposition Method with Nonsingular Kernel Derivatives. Journal of Function Spaces, 2021, 2021, 1-17.	0.9	22
86	Optical solitons to the nonlinear SchrÃ¶dinger equation in metamaterials and modulation instability. European Physical Journal Plus, 2021, 136, 1.	2.6	17
87	Optical solitons to a perturbed Gerdjikov-Ivanov equation using two different techniques. Revista Mexicana De FÃsica, 2021, 67, .	0.4	6
88	Explicit solutions to nonlinear Chenâ€"Leeâ€"Liu equation. Modern Physics Letters B, 2021, 35, 2150438.	1.9	15
89	Soliton solution of Generalized Zakharov-Kuznetsov and ZakharovKuznetsov-Benjamin-Bona-Mahoney equations with conformable temporal evolution. Revista Mexicana De FÃsica, 2021, 67, .	0.4	2
90	Bifurcation of new optical solitary wave solutions for the nonlinear long-short wave interaction system via two improved models of $$(rac{G'}{G})$$ expansion method. Optical and Quantum Electronics, 2021, 53, 1.	3.3	16

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91	A new geometric modeling of modified magnetic particles with the energy flow and power. International Journal of Geometric Methods in Modern Physics, 2021, 18, .	2.0	0
92	On the conformable nonlinear schrödinger equation with second order spatiotemporal and group velocity dispersion coefficients. Chinese Journal of Physics, 2021, 72, 403-414.	3.9	52
93	Solution of fractional-order Korteweg-de Vries and Burgers' equations utilizing local meshless method. Journal of Ocean Engineering and Science, 2021, , .	4.3	28
94	Symmetry reductions and invariant-group solutions for a two-dimensional Kundu–Mukherjee–Naskar model. Results in Physics, 2021, 28, 104583.	4.1	11
95	Analytical Traveling Wave and Soliton Solutions of the $$(2+1)$$ Dimensional Generalized Burgers–Huxley Equation. Qualitative Theory of Dynamical Systems, 2021, 20, 1.	1.7	9
96	Research of lump dynamics on the (3+1)-dimensional B-type Kadomtsev–Petviashvili–Boussinesq equation. Modern Physics Letters B, 2021, 35, .	1.9	10
97	New auxiliary equation approach to derive solutions of fractional resonant Schrödinger equation. Analysis and Mathematical Physics, 2021, 11, 1.	1.3	19
98	Pure cubic optical solitons with improved $$tan(varphi /2)$$-expansion method. Optical and Quantum Electronics, 2021, 53, 1.	3.3	8
99	New optical solitons of perturbed nonlinear Schrödinger–Hirota equation with spatio-temporal dispersion. Results in Physics, 2021, 29, 104656.	4.1	69
100	Computational study for the conformable nonlinear Schrödinger equation with cubic–quintic–septic nonlinearities. Results in Physics, 2021, 30, 104839.	4.1	9
101	New travelling wave analytic and residual power series solutions of conformable Caudrey–Dodd–Gibbon–Sawada–Kotera equation. Results in Physics, 2021, 29, 104591.	4.1	6
102	Exact soliton solutions of conformable fractional coupled Burger's equation using hyperbolic funtion approach. Results in Physics, 2021, 30, 104776.	4.1	15
103	Dynamical behaviour of the foam drainage equation. Results in Physics, 2021, 30, 104844.	4.1	5
104	Fractional order heroin epidemic dynamics. AEJ - Alexandria Engineering Journal, 2021, 60, 5157-5165.	6.4	14
105	Fluctuation and Frequency of the Oscillators with Exponential Spring Using Accurate Approximate Analytical Solutions. Fluctuation and Noise Letters, 2021, 20, 2150036.	1.5	2
106	Optical solutions of cold bosonic atoms in a zig-zag optical lattice. Optical and Quantum Electronics, 2021, 53, 1.	3.3	10
107	Optical solutions to the Kundu-Mukherjee-Naskar equation: mathematical and graphical analysis with oblique wave propagation. Physica Scripta, 2021, 96, 025218.	2.5	20
108	Ginzburg Landau equation's Innovative Solution (GLEIS). Physica Scripta, 2021, 96, 035204.	2.5	4

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109	Numerical solution for the fractional-order one-dimensional telegraph equation via wavelet technique. International Journal of Nonlinear Sciences and Numerical Simulation, 2021, 22, 767-780.	1.0	14
110	Construction of new exact solutions of the resonant fractional NLS equation with the extended Fan sub-equation method. Journal of King Saud University - Science, 2021, 33, 101643.	3.5	12
111	New chirp-free and chirped form optical solitons to the non-linear Schrödinger equation. Optical and Quantum Electronics, 2021, 53, 1.	3.3	10
112	Analytical novel solutions to the fractional optical dynamics in a medium with polynomial law nonlinearity and higher order dispersion with a new local fractional derivative. Physics Letters, Section A: General, Atomic and Solid State Physics, 2021, 420, 127744.	2.1	15
113	New kinds of analytical solitary wave solutions for ionic currents on microtubules equation via two different techniques. Optical and Quantum Electronics, 2021, 53, 1.	3.3	50
114	New classifications of nonlinear Schrödinger model with group velocity dispersion via new extended method. Results in Physics, 2021, 31, 104910.	4.1	10
115	On new closed form solutions: The (2+1)-dimensional Bogoyavlenskiîsystem. Modern Physics Letters B, 2021, 35, 2150150.	1.9	10
116	New Travelling Wave Solution-Based New Riccati Equation for Solving KdV and Modified KdV Equations. Applied Mathematics and Nonlinear Sciences, 2021, 6, 447-458.	1.6	9
117	New Soliton Solutions for the Higher-Dimensional Non-Local Ito Equation. Nonlinear Engineering, 2021, 10, 374-384.	2.7	11
118	Optical singular and dark solitons to the nonlinear Schrödinger equation in magneto-optic waveguides with anti-cubic nonlinearity. Optical and Quantum Electronics, 2021, 53, 1.	3.3	32
119	Propagation of new dynamics of longitudinal bud equation among a magneto-electro-elastic round rod. Modern Physics Letters B, 2021, 35, .	1.9	64
120	Abundant optical solitons to the Sasa-Satsuma higher-order nonlinear Schrödinger equation. Optical and Quantum Electronics, 2021, 53, 1.	3.3	184
121	Properties of some higher-dimensional nonlinear Schrödinger equations. Results in Physics, 2021, 31, 105073.	4.1	18
122	Soliton solutions for non-linear Kudryashov's equation via three integrating schemes. Thermal Science, 2021, 25, 157-163.	1.1	6
123	Novel approach to the analysis of fifth-order weakly nonlocal fractional Schrödinger equation with Caputo derivative. Results in Physics, 2021, 31, 104958.	4.1	60
124	Numerical solutions of nonlinear time fractional Klein-Gordon equation via natural transform decomposition method and iterative Shehu transform method. Journal of Ocean Engineering and Science, 2021, , .	4.3	11
125	Sine-Gordon expansion method for exact solutions to conformable time fractional equations in RLW-class. Journal of King Saud University - Science, 2020, 32, 567-574.	3.5	104
126	Exact traveling wave solutions of density-dependent conformable space–time-fractional diffusion–reaction equation with quadratic nonlinearity. Indian Journal of Physics, 2020, 94, 1573-1580.	1.8	1

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127	The Functional Variable Method to Find New Exact Solutions of the Nonlinear Evolution Equations with Dual-Power-Law Nonlinearity. International Journal of Nonlinear Sciences and Numerical Simulation, 2020, 21, 249-257.	1.0	28
128	Soliton solutions in different classes for the Kaup–Newell model equation. Modern Physics Letters B, 2020, 34, 2050038.	1.9	26
129	Periodic waves of the non dissipative double dispersive micro strain wave in the micro structured solids. Physica A: Statistical Mechanics and Its Applications, 2020, 545, 123772.	2.6	23
130	Abundant solitary wave solutions for the fractional coupled Jaulent–Miodek equations arising in applied physics. International Journal of Modern Physics B, 2020, 34, 2050279.	2.0	4
131	Structure Preserving Numerical Analysis of HIV and CD4+T-Cells Reaction Diffusion Model in Two Space Dimensions. Chaos, Solitons and Fractals, 2020, 139, 110307.	5.1	18
132	New Solitary Wave Solutions for Variants of (3+1)-Dimensional Wazwaz-Benjamin-Bona-Mahony Equations. Frontiers in Physics, 2020, 8, .	2.1	131
133	New Exact Solutions of Kolmogorov Petrovskii Piskunov Equation, Fitzhugh Nagumo Equation, and Newell-Whitehead Equation. Advances in Mathematical Physics, 2020, 2020, 1-14.	0.8	4
134	Optical solutions of the $(2+1)$-dimensional hyperbolic nonlinear Schrödinger equation using two different methods. Results in Physics, 2020, 19, 103514.	4.1	13
135	New optical soliton solutions for Triki–Biswas model by new extended direct algebraic method. Modern Physics Letters B, 2020, 34, 2150023.	1.9	10
136	New exact solitary waves solutions to the fractional Fokas-Lenells equation via Atangana-Baleanu derivative operator. International Journal of Modern Physics B, 2020, 34, 2050309.	2.0	9
137	Generalized logistic equation method for Kerr law and dual power law Schrödinger equations. Optical and Quantum Electronics, 2020, 52, 1.	3.3	55
138	N1-soliton solution for Schrödinger equation with competing weakly nonlocal and parabolic law nonlinearities. Communications in Theoretical Physics, 2020, 72, 065503.	2.5	19
139	Nonlinear self-adjointness, conserved quantities, bifurcation analysis and travelling wave solutions of a family of long-wave unstable lubrication model. Pramana - Journal of Physics, 2020, 94, 1.	1.8	29
140	Dynamical analysis of the nonlinear complex fractional emerging telecommunication model with higher–order dispersive cubic–quintic. AEJ - Alexandria Engineering Journal, 2020, 59, 1425-1433.	6.4	77
141	Exact optical solitons to the perturbed nonlinear Schrödinger equation with dual-power law of nonlinearity. Optical and Quantum Electronics, 2020, 52, 1.	3.3	101
142	Abundant traveling wave solutions to the resonant nonlinear Schrödinger's equation with variable coefficients. Modern Physics Letters B, 2020, 34, 2050118.	1.9	6
143	New soliton solutions for resonant nonlinear Schrödinger's equation having full nonlinearity. International Journal of Modern Physics B, 2020, 34, 2050032.	2.0	18
144	New closed form solutions of the new coupled Konno–Oono equation using the new extended direct algebraic method. Pramana - Journal of Physics, 2020, 94, 1.	1.8	45

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145	New exact solution of the conformable Gilson–Pickering equation using the new modified Kudryashov's method. International Journal of Modern Physics B, 2020, 34, 2050161.	2.0	14
146	Applications of three methods for obtaining optical soliton solutions for the Lakshmanan–Porsezian–Daniel model with Kerr law nonlinearity. Pramana - Journal of Physics, 2020, 94, 1.	1.8	50
147	Exact solutions of the conformable fractional EW and MEW equations by a new generalized expansion method. Journal of Ocean Engineering and Science, 2020, 5, 223-229.	4.3	46
148	Improved $\an left (\frac {\Phi (\xi)}{2}ight)$-Expansion Approach for Burgers Equation in Nonlinear Dynamical Model of Ion Acoustic Waves. Brazilian Journal of Physics, 2020, 50, 254-262.	1.4	12
149	Novel explicit solutions for the nonlinear Zoomeron equation by using newly extended direct algebraic technique. Optical and Quantum Electronics, 2020, 52, 1.	3.3	88
150	On the solution of time–fractional dynamical model of Brusselator reaction–diffusion system arising in chemical reactions. Mathematical Methods in the Applied Sciences, 2020, 43, 3903.	2.3	27
151	Investigation for Optical Soliton Solutions of Two Nonlinear Schrödinger Equations via Two Concrete Finite Series Methods. International Journal of Applied and Computational Mathematics, 2020, 6, 1.	1.6	23
152	New solitary waves for the Klein–Gordon–Zakharov equations. Modern Physics Letters B, 2020, 34, 2050246.	1.9	27
153	Optical soliton solutions to the (2+1)-dimensional Kundu–Mukherjee–Naskar equation. International Journal of Modern Physics B, 2020, 34, 2050102.	2.0	39
154	Exact optical solutions of the (2+1) dimensions Kundu–Mukherjee–Naskar model via the new extended direct algebraic method. Modern Physics Letters B, 2020, 34, 2050225.	1.9	35
155	Propagation of the ultra-short femtosecond pulses and the rogue wave in an optical fiber. Journal of Optics (India), 2020, 49, 256-262.	1.7	2
156	A numerical treatment of the delayed Ambartsumian equation over large interval. Journal of Interdisciplinary Mathematics, 2020, 23, 1077-1091.	0.7	4
157	Traveling wave solutions to nonlinear directional couplers by modified Kudryashov method. Physica Scripta, 2020, 95, 075217.	2.5	130
158	The dynamical behavior of mixed type lump solutions on the (3Â+Â1)-dimensional generalized Kadomtsev–Petviashvili–Boussinesq equation. International Journal of Nonlinear Sciences and Numerical Simulation, 2020, 21, 661-665.	1.0	30
159	On finite series solutions of conformable time-fractional Cahn-Allen equation. Nonlinear Engineering, 2020, 9, 194-200.	2.7	7
160	New optical solitons of conformable resonant nonlinear Schrödinger's equation. Open Physics, 2020, 18, 761-769.	1.7	27
161	New exact solutions for the Kaup-Kupershmidt equation. AIMS Mathematics, 2020, 5, 6726-6738.	1.6	36
162	New solitary wave solutions for the conformable Klein-Gordon equation with quantic nonlinearity. AIMS Mathematics, 2020, 5, 6972-6984.	1.6	57

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163	Hyperbolic rational solutions to a variety of conformable fractional Boussinesq-Like equations. Nonlinear Engineering, 2019, 8, 224-230.	2.7	81
164	Jacobi Elliptic Function Expansion Method for Solving KdV Equation with Conformable Derivative and Dual-Power Law Nonlinearity. International Journal of Applied and Computational Mathematics, 2019, 5, 1.	1.6	75
165	A sub-equation method for solving the cubicâ€"quartic NLSE with the Kerr law nonlinearity. Modern Physics Letters B, 2019, 33, 1950197.	1.9	29
166	Exact solutions of $$(3+1)$$-dimensional fractional mKdV equations in conformable form via $$exp(-phi (au))$$ expansion method. SN Applied Sciences, 2019, 1, 1.	2.9	7
167	Fractional Sineâ€"Gordon Equation Approach to the Coupled Higgs System Defined in Time-Fractional Form. Iranian Journal of Science and Technology, Transaction A: Science, 2019, 43, 2965-2973.	1.5	35
168	Optical solitons for the two forms of Biswasâ€"Arshed equation. Modern Physics Letters B, 2019, 33, 1950308.	1.9	21
169	New exact traveling wave solutions of biological population model via the extended rational sinh-cosh method and the modified Khater method. Modern Physics Letters B, 2019, 33, 1950338.	1.9	79
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