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	The first integral method for Wu–Zhang system with conformable time-fractional derivative. Calcolo, 2016, 53, 475-485.	1.1	360
2	New solitons solutions of the complex Ginzburg-Landau equation with Kerr law nonlinearity. Optik, 2018, 167, 218-227.	2.9	241
3	Abundant optical solitons to the Sasa-Satsuma higher-order nonlinear Schrödinger equation. Optical and Quantum Electronics, 2021, 53, 1.	3.3	184
4	The unified method for conformable time fractional Schr<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mover accent="true"><mml:mtext>o</mml:mtext><mml:mo>̈</mml:mo></mml:mover></mml:math>dinger equation with perturbation terms. Chinese Journal of Physics, 2018, 56, 2500-2506.	3.9	143
5	New optical solitons of nonlinear conformable fractional Schrödinger-Hirota equation. Optik, 2018, 172, 545-553.	2.9	135
6	New Solitary Wave Solutions for Variants of (3+1)-Dimensional Wazwaz-Benjamin-Bona-Mahony Equations. Frontiers in Physics, 2020, 8, .	2.1	131
7	Traveling wave solutions to nonlinear directional couplers by modified Kudryashov method. Physica Scripta, 2020, 95, 075217.	2.5	130
8	Soliton solutions of the conformable fractional Zakharov–Kuznetsov equation with dual-power law nonlinearity. Optical and Quantum Electronics, 2017, 49, 1.	3.3	123
9	Mitigating Internet bottleneck with fractional temporal evolution of optical solitons having quadratic–cubic nonlinearity. Optik, 2018, 164, 84-92.	2.9	123
10	Optical soliton perturbation with Fokas–Lenells equation using three exotic and efficient integration schemes. Optik, 2018, 165, 288-294.	2.9	119
11	Soliton solutions to the Boussinesq equation through sine-Gordon method and Kudryashov method. Results in Physics, 2021, 25, 104228.	4.1	117
12	Rational solutions and lump solutions to a non-isospectral and generalized variable-coefficient Kadomtsev–Petviashvili equation. Nonlinear Dynamics, 2019, 95, 1027-1033.	5.2	114
13	A large family of optical solutions to Kundu–Eckhaus model by a new auxiliary equation method. Optical and Quantum Electronics, 2019, 51, 1.	3.3	108
14	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
15	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
16	The first integral method applied to the Bogoyavlenskii equations by means of conformable fractional derivative. Optical and Quantum Electronics, 2017, 49, 1.	3.3	96
17	Traveling wave solutions for (3+1) dimensional conformable fractional Zakharov-Kuznetsov equation with power law nonlinearity. Nonlinear Engineering, 2019, 8, 559-567.	2.7	95
18	New exact solutions of nonlinear conformable time-fractional Phi-4 equation. Chinese Journal of Physics, 2018, 56, 2805-2816.	3.9	94

#	Article	IF	Citations
19	Traveling wave solution of conformable fractional generalized reaction Duffing model by generalized projective Riccati equation method. Optical and Quantum Electronics, 2018, 50, 1.	3.3	93
20	Exact solutions to the space–time fractional Schrödinger–Hirota equation and the space–time modified KDV–Zakharov–Kuznetsov equation. Optical and Quantum Electronics, 2017, 49, 1.	3.3	92
21	Nonlinear dispersion in parabolic law medium and its optical solitons. Results in Physics, 2021, 26, 104411.	4.1	92
22	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
23	Optical solitons and other solutions to the conformable space–time fractional Fokas–Lenells equation. Optik, 2018, 172, 20-27.	2.9	84
24	Solitons and other solutions of (3 + 1)-dimensional space–time fractional modified KdV–Zakharov–Kuznetsov equation. Applied Mathematics and Nonlinear Sciences, 2019, 4, 289-304.	1.6	83
25	Hyperbolic rational solutions to a variety of conformable fractional Boussinesq-Like equations. Nonlinear Engineering, 2019, 8, 224-230.	2.7	81
26	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
27	Optical solitons in nematic liquid crystals with Kerr and parabolic law nonlinearities. Optical and Quantum Electronics, 2019, 51, 1.	3.3	79
28	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
29	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
30	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
31	Optical solitons with quadratic–cubic nonlinearity and fractional temporal evolution. Modern Physics Letters B, 2018, 32, 1850317.	1.9	69
32	New optical solitons of perturbed nonlinear Schrödinger–Hirota equation with spatio-temporal dispersion. Results in Physics, 2021, 29, 104656.	4.1	69
33	Optical solitons of nonlinear complex Ginzburg–Landau equation via two modified expansion schemes. Optical and Quantum Electronics, 2022, 54, 1.	3.3	69
34	Analytical study of resonant optical solitons with variable coefficients in Kerr and non-Kerr law media. Optical and Quantum Electronics, 2019, 51, 1.	3.3	66
35	A study of travelling, periodic, quasiperiodic and chaotic structures of perturbed Fokas–Lenells model. Pramana - Journal of Physics, 2021, 95, 1.	1.8	65
36	Propagation of new dynamics of longitudinal bud equation among a magneto-electro-elastic round rod. Modern Physics Letters B, 2021, 35, .	1.9	64

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37	Optical solitons of Lakshmanan–Porsezian–Daniel model with a couple of nonlinearities. Optik, 2018, 164, 414-423.	2.9	62
38	Optical solitons having weak non-local nonlinearity by two integration schemes. Optik, 2018, 164, 380-384.	2.9	61
39	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
40	New solitary wave solutions for the conformable Klein-Gordon equation with quantic nonlinearity. AIMS Mathematics, 2020, 5, 6972-6984.	1.6	57
41	Optical solitons in metamaterials with third and fourth order dispersions. Optical and Quantum Electronics, 2022, 54, 1.	3.3	57
42	New Optical Soliton Solutions of the Perturbed Fokas-Lenells Equation. Communications in Theoretical Physics, 2019, 71, 1275.	2.5	55
43	Generalized logistic equation method for Kerr law and dual power law Schrödinger equations. Optical and Quantum Electronics, 2020, 52, 1.	3.3	55
44	Dynamical behaviour of Chiral nonlinear Schrödinger equation. Optical and Quantum Electronics, 2022, 54, 1.	3.3	55
45	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
46	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 ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 Td (linebreak="badbreak">+<Schrödinger system. Results in Physics, 2021, 25, 104177.	4.1	51
47	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
48	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
49	Resonant optical solitons with dual-power law nonlinearity and fractional temporal evolution. Optik, 2018, 165, 233-239.	2.9	49
50	New extended direct algebraic method for the resonant nonlinear Schrödinger equation with Kerr law nonlinearity. Optik, 2021, 227, 165936.	2.9	49
51	The novel soliton solutions for the conformable perturbed nonlinear Schrödinger equation. Modern Physics Letters B, 2022, 36, .	1.9	49
52	New solutions for the generalized resonant nonlinear Schrödinger equation. Results in Physics, 2022, 33, 105153.	4.1	48
53	Computational techniques to study the dynamics of generalized unstable nonlinear Schrödinger equation. Journal of Ocean Engineering and Science, 2022, , .	4.3	48
54	Traveling wave solutions for density-dependent conformable fractional diffusion–reaction equation by the first integral method and the improved $$\textbf{tan}\left() Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 Td ({{\mathbf{\frac{1}{2}}}{\old-expansion method. Optical and Quantum Electronics, 2018, 50, 1.	3.3	47

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55	Dark wave, rogue wave and perturbation solutions of Ivancevic option pricing model. Nonlinear Dynamics, 2021, 105, 2539-2548.	5.2	47
56	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
57	New closed form solutions of the new coupled Konnoâ€"Oono equation using the new extended direct algebraic method. Pramana - Journal of Physics, 2020, 94, 1.	1.8	45
58	The integrable Boussinesq equation and itâ€™s breather, lump and soliton solutions. Nonlinear Dynamics, 2022, 107, 2703-2716.	5.2	45
59	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
60	Explicit solutions of the (2 + 1)-dimensional Hirotaâ€"Maccari system arising in nonlinear optics. International Journal of Modern Physics B, 2019, 33, 1950360.	2.0	42
61	New perturbed conformable Boussinesq-like equation: Soliton and other solutions. Results in Physics, 2022, 33, 105200.	4.1	42
62	New complex hyperbolic and trigonometric solutions for the generalized conformable fractional Gardner equation. Modern Physics Letters B, 2019, 33, 1950196.	1.9	39
63	Optical soliton solutions to the (2+1)-dimensional Kunduâ€"Mukherjeeâ€"Naskar equation. International Journal of Modern Physics B, 2020, 34, 2050102.	2.0	39
64	New exact solutions for the Kaup-Kupershmidt equation. AIMS Mathematics, 2020, 5, 6726-6738.	1.6	36
65	Propagation of diverse exact solitary wave solutions in separation phase of iron (Fe-Cr âˆ’ X(X =) Tj ETQq1 1 0.784314 rgBT /Overlock	2.0	36
66	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
67	Exact optical solutions of the (2+1) dimensions Kunduâ€"Mukherjeeâ€"Naskar model via the new extended direct algebraic method. Modern Physics Letters B, 2020, 34, 2050225.	1.9	35
68	New solitary wave solutions to the coupled Maccariâ€™s system. Results in Physics, 2021, 21, 103801.	4.1	35
69	Two effective approaches for solving fractional generalized Hirota-Satsuma coupled KdV system arising in interaction of long waves. Journal of Ocean Engineering and Science, 2019, 4, 24-32.	4.3	34
70	Analytical optical pulses and bifurcation analysis for the traveling optical pulses of the hyperbolic nonlinear SchrÃ¶dinger equation. Optical and Quantum Electronics, 2021, 53, 1.	3.3	34
71	The propagation of waves in thin-film ferroelectric materials. Pramana - Journal of Physics, 2019, 93, 1.	1.8	33
72	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

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73	Optical soliton solutions for the coupled conformable Fokas–Lenells equation with spatio-temporal dispersion. Results in Physics, 2021, 26, 104388.	4.1	33
74	The extended modified method applied to optical solitons solutions in birefringent fibers with weak nonlocal nonlinearity and four wave mixing. Chinese Journal of Physics, 2019, 58, 137-150.	3.9	32
75	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
76	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
77	The dynamical behavior of mixed type lump solutions on the $(3+1)$-dimensional generalized Kadomtsev–Petviashvili–Boussinesq equation. International Journal of Nonlinear Sciences and Numerical Simulation, 2020, 21, 661-665.	1.0	30
78	A sub-equation method for solving the cubic–quartic NLSE with the Kerr law nonlinearity. Modern Physics Letters B, 2019, 33, 1950197.	1.9	29
79	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
80	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
81	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
82	Optical soliton with Kudryashov's equation via sine-Gordon expansion and Kudryashov methods. Optical and Quantum Electronics, 2021, 53, 1.	3.3	28
83	Solution of fractional-order Korteweg-de Vries and Burgers' equations utilizing local meshless method. Journal of Ocean Engineering and Science, 2021, , .	4.3	28
84	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
85	New solitary waves for the Klein–Gordon–Zakharov equations. Modern Physics Letters B, 2020, 34, 2050246.	1.9	27
86	New optical solitons of conformable resonant nonlinear Schrödinger's equation. Open Physics, 2020, 18, 761-769.	1.7	27
87	Soliton solutions in different classes for the Kaup–Newell model equation. Modern Physics Letters B, 2020, 34, 2050038.	1.9	26
88	Travelling wave solutions of nonlinear systems of PDEs by using the functional variable method. Boletim Da Sociedade Paranaense De Matematica, 2016, 34, 213-229.	0.4	25
89	Optical solitons of $(3+1)$ dimensional and coupled nonlinear Schrodinger equations. Optical and Quantum Electronics, 2022, 54, 1.	3.3	24
90	Stability Analysis of Distributed Order Fractional Chen System. Scientific World Journal, The, 2013, 2013, 1-13.	2.1	23

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91	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
92	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
93	New solutions to the fractional perturbed Chen–Lee–Liu equation with a new local fractional derivative. Waves in Random and Complex Media, 0, , 1-36.	2.7	23
94	Stability analysis of linear conformable fractional differential equations system with time delays. Boletim Da Sociedade Paranaense De Matematica, 2019, 38, 159-171.	0.4	22
95	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
96	Three types of periodic solutions of new $(3+1)$–dimensional Boiti–Leon–Manna–Pempinelli equation via bilinear neural network method. Mathematical Methods in the Applied Sciences, 2022, 45, 5612-5621.	2.3	22
97	Optical solitons for the two forms of Biswas–Arshed equation. Modern Physics Letters B, 2019, 33, 1950308.	1.9	21
98	Numerical solution of the distributed-order fractional Bagley-Torvik equation. IEEE/CAA Journal of Automatica Sinica, 2019, 6, 760-765.	13.1	21
99	New wave surfaces and bifurcation of nonlinear periodic waves for Gilson-Pickering equation. Results in Physics, 2021, 24, 104192.	4.1	21
100	Exact solutions for the fractional differential equations by using the first integral method. Nonlinear Engineering, 2015, 4, .	2.7	20
101	Closed Form Solutions of the Perturbed GerdjikovIvanov Equation With Variable Coefficients. East Asian Journal on Applied Mathematics, 2021, 11, 207-218.	0.9	20
102	Optical solutions to the Kundu-Mukherjee-Naskar equation: mathematical and graphical analysis with oblique wave propagation. Physica Scripta, 2021, 96, 025218.	2.5	20
103	N1-soliton solution for Schrödinger equation with competing weakly nonlocal and parabolic law nonlinearities. Communications in Theoretical Physics, 2020, 72, 065503.	2.5	19
104	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
105	Analytical survey of the predator–prey model with fractional derivative order. AIP Advances, 2021, 11, .	1.3	19
106	New auxiliary equation approach to derive solutions of fractional resonant Schrödinger equation. Analysis and Mathematical Physics, 2021, 11, 1.	1.3	19
107	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
108	New soliton solutions for resonant nonlinear Schrödinger's equation having full nonlinearity. International Journal of Modern Physics B, 2020, 34, 2050032.	2.0	18

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109	Properties of some higher-dimensional nonlinear Schrödinger equations. Results in Physics, 2021, 31, 105073.	4.1	18
110	New Exact and Solitary Wave Solutions of Nonlinear Schamel–KdV Equation. International Journal of Applied and Computational Mathematics, 2022, 8, .	1.6	18
111	Generalized solitary wave solutions to the time fractional generalized Hirota-Satsuma coupled KdV via new definition for wave transformation. Journal of Ocean Engineering and Science, 2019, 4, 77-84.	4.3	17
112	Wave behaviors of Kundu–Mukherjee–Naskar model arising in optical fiber communication systems with complex structure. Optical and Quantum Electronics, 2021, 53, 1.	3.3	17
113	Optical solitons to the nonlinear Schrödinger equation in metamaterials and modulation instability. European Physical Journal Plus, 2021, 136, 1.	2.6	17
114	On soliton solutions for perturbed Fokas–Lenells equation. Optical and Quantum Electronics, 2022, 54, .	3.3	17
115	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
116	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
117	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
118	Obtaining exact solutions of nonlinear partial differential equations via two different methods. International Journal of Modern Physics B, 2022, 36, .	2.0	16
119	Approximate analytical solutions of distributed order fractional Riccati differential equation. Ain Shams Engineering Journal, 2018, 9, 581-588.	6.1	15
120	Optical solitons for the decoupled nonlinear Schrödinger equation using Jacobi elliptic approach. Communications in Theoretical Physics, 2021, 73, 075003.	2.5	15
121	Explicit solutions to nonlinear Chen–Lee–Liu equation. Modern Physics Letters B, 2021, 35, 2150438.	1.9	15
122	Exact soliton solutions of conformable fractional coupled Burger's equation using hyperbolic funtion approach. Results in Physics, 2021, 30, 104776.	4.1	15
123	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
124	Analytical solutions to the fractional Lakshmanan–Porsezian–Daniel model. Optical and Quantum Electronics, 2022, 54, 1.	3.3	15
125	Study on abundant explicit wave solutions of the thin-film Ferro-electric materials equation. Optical and Quantum Electronics, 2022, 54, 1.	3.3	15
126	Analysis of dengue transmission using fractional order scheme. AIMS Mathematics, 2022, 7, 8408-8429.	1.6	15

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127	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
128	Fractional order heroin epidemic dynamics. AEJ - Alexandria Engineering Journal, 2021, 60, 5157-5165.	6.4	14
129	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
130	Optical solitons related to (2+1)-dimensional Kundu–Mukherjee–Naskar model using an innovative integration architecture. Journal of Nonlinear Optical Physics and Materials, 2022, 31, .	1.8	14
131	A novel approach to study generalized coupled cubic Schrödinger–Korteweg-de Vries equations. Journal of Ocean Engineering and Science, 2022, , .	4.3	14
132	Optical solutions of the (2Â+Â1)-dimensional hyperbolic nonlinear Schrödinger equation using two different methods. Results in Physics, 2020, 19, 103514.	4.1	13
133	The simplest equation approach for solving non-linear Tzitzéica type equations in non-linear optics. Modern Physics Letters B, 2021, 35, 2150132.	1.9	13
134	Lie analysis, conserved quantities and solitonic structures of Calogero-Degasperis-Fokas equation. AEJ - Alexandria Engineering Journal, 2021, 60, 2513-2523.	6.4	13
135	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
136	An efficient technique for generalized conformableÂPochhammer–Chree models of longitudinal wave propagation of elastic rod. Indian Journal of Physics, 2022, 96, 4209-4218.	1.8	13
137	New approach to model coupled nerve fibers and exact solutions of the system. Chinese Journal of Physics, 2019, 62, 179-186.	3.9	12
138	Improved $\left(\frac{\Phi(\xi)}{2}\right)$-Expansion Approach for Burgers Equation in Nonlinear Dynamical Model of Ion Acoustic Waves. Brazilian Journal of Physics, 2020, 50, 254-262.	1.4	12
139	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
140	Novel exact and solitary solutions of conformable Klein–Gordon equationÂvia Sardar-subequation method. Journal of Ocean Engineering and Science, 2022, , .	4.3	12
141	On the optical solutions to nonlinear Schrödinger equation with second-order spatiotemporal dispersion. Open Physics, 2021, 19, 111-118.	1.7	11
142	Tangent nonlinear equation in context of fractal fractional operators with nonsingular kernel. Mathematical Sciences, 2022, 16, 121-131.	1.7	11
143	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
144	Symmetry reductions and invariant-group solutions for a two-dimensional Kundu–Mukherjee–Naskar model. Results in Physics, 2021, 28, 104583.	4.1	11

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145	The new soliton solutions for long and short-wave interaction system. Journal of Ocean Engineering and Science, 2022, 7, 485-491.	4.3	11
146	New Soliton Solutions for the Higher-Dimensional Non-Local Ito Equation. Nonlinear Engineering, 2021, 10, 374-384.	2.7	11
147	Manakov model of coupled NLS equationÂand its optical soliton solutions. Journal of Ocean Engineering and Science, 2022, , .	4.3	11
148	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
149	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
150	On the soliton solutions to the space-time fractional simplified MCH equation. Journal of Interdisciplinary Mathematics, 2019, 22, 149-165.	0.7	10
151	New optical soliton solutions for Trikiâ€"Biswas model by new extended direct algebraic method. Modern Physics Letters B, 2020, 34, 2150023.	1.9	10
152	Research of lump dynamics on the (3+1)-dimensional B-type Kadomtsevâ€"Petviashviliâ€"Boussinesq equation. Modern Physics Letters B, 2021, 35, .	1.9	10
153	Optical solutions of cold bosonic atoms in a zig-zag optical lattice. Optical and Quantum Electronics, 2021, 53, 1.	3.3	10
154	New chirp-free and chirped form optical solitons to the non-linear SchrÃ¶dinger equation. Optical and Quantum Electronics, 2021, 53, 1.	3.3	10
155	New classifications of nonlinear SchrÃ¶dinger model with group velocity dispersion via new extended method. Results in Physics, 2021, 31, 104910.	4.1	10
156	On new closed form solutions: The (2+1)-dimensional BogoyavlenskiÂsystem. Modern Physics Letters B, 2021, 35, 2150150.	1.9	10
157	Analytical solution for differential nonlinear and coupled equations in micropolar nanofluid flow between rotating parallel plates. European Physical Journal: Special Topics, 2019, 228, 2601-2617.	2.6	9
158	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
159	Soliton solutions of nonlinear Boussinesq models using the exponential function technique. Physica Scripta, 2021, 96, 105209.	2.5	9
160	Analytical Traveling Wave and Soliton Solutions of the $$(2+1)$$ Dimensional Generalized Burgersâ€"Huxley Equation. Qualitative Theory of Dynamical Systems, 2021, 20, 1.	1.7	9
161	Computational study for the conformable nonlinear SchrÃ¶dinger equation with cubicâ€"quinticâ€"septic nonlinearities. Results in Physics, 2021, 30, 104839.	4.1	9
162	Optical Soliton in Nonlocal Nonlinear Medium with Cubic-Quintic Nonlinearities and Spatio-Temporal Dispersion. Acta Physica Polonica A, 2018, 134, 1204-1210.	0.5	9

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163	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
164	Sundry optical solitons and modulational instability in Sasa-Satsuma model. Optical and Quantum Electronics, 2022, 54, 1.	3.3	9
165	A numerical approach for the nonlinear temporal conformable fractional foam drainage equation. Asian-European Journal of Mathematics, 2021, 14, 2150089.	0.5	8
166	Pure cubic optical solitons with improved $$tan(varphi /2)$$-expansion method. Optical and Quantum Electronics, 2021, 53, 1.	3.3	8
167	Traveling-wave solutions of the Klein–Gordon equations with M-fractional derivative. Pramana - Journal of Physics, 2022, 96, 1.	1.8	8
168	A new local fractional derivative applied to the analytical solutions for the nonlinear Schrödinger equation with third-order dispersion. Journal of Nonlinear Optical Physics and Materials, 0, , .	1.8	8
169	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
170	Resonance nonlinear wave phenomena with obliqueness and fractional time evolution via the novel auxiliary ordinary differential equation method. SN Applied Sciences, 2019, 1, 1.	2.9	7
171	On finite series solutions of conformable time-fractional Cahn-Allen equation. Nonlinear Engineering, 2020, 9, 194-200.	2.7	7
172	Exact solitary optical wave solutions and modulational instability of the truncated $$varOmega$$-fractional Lakshamanan–Porsezian–Daniel model with Kerr, parabolic, and anti-cubic nonlinear laws. Optical and Quantum Electronics, 2022, 54, 1.	3.3	7
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