Mostafa Khater

List of Publications by Year
in descending order

182	5,203	61984	144013
papers	citations	43 h-index	57 g-index

184	184	184	813
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	On the phase separation in the ternary alloys: Numerical and computational simulations of the <scp>Atanganaâ€“Baleanu</scp> timeâ€fractional <scp>Cahnâ€“Allen</scp> equation. Numerical Methods for Partial Differential Equations, 2024, 40, .	3.6	1
2	On rigorous computational and numerical solutions for the voltages of the electrified transmission range with the day yet distance. Numerical Methods for Partial Differential Equations, 2024, 40, .	3.6	2
3	Numerical simulations for the predatorâ€“prey model as a prototype of an excitable system. Numerical Methods for Partial Differential Equations, 2024, 40, .	3.6	3
4	Plenty of wave solutions to the ill-posed Boussinesq dynamic wave equation under shallow water beneath gravity. AIMS Mathematics, 2022, 7, 54-81.	1.6	21
5	Semiâ€“analytical and numerical simulations of the modified Benjaminâ€“Bonaâ€“Mahony model. Journal of Ocean Engineering and Science, 2022, 7, 264-271.	4.3	14
6	Diverse Soliton wave solutions of for the nonlinear potential Kadomtsevâ€“Petviashvili and Calogeroâ€“Degasperis equations. Results in Physics, 2022, 33, 105116.	4.1	40
7	Abundant stable novel solutions of fractional-order epidemic model along with saturated treatment and disease transmission. Open Physics, 2022, 19, 843-852.	1.7	4
8	NUMERICAL INVESTIGATION OF THE NONLINEAR FRACTIONAL OSTROVSKY EQUATION. Fractals, 2022, 30, .	3.7	27
9	ON ANALYTICAL AND NUMERICAL SIMULATIONS FOR THE ULTRA-SHORT PULSES MATHEMATICAL MODEL IN OPTICAL FIBERS. Fractals, 2022, 30, .	3.7	5
10	Unstable novel and accurate soliton wave solutions of the nonlinear biological population model. Arab Journal of Basic and Applied Sciences, 2022, 29, 19-25.	2.1	20
11	Computational and numerical simulations of nonlinear fractional Ostrovsky equation. AEJ - Alexandria Engineering Journal, 2022, 61, 6887-6895.	6.4	14
12	Abundant accurate analytical and semi-analytical solutions of the positive Gardnerâ€“Kadomtsevâ€“Petviashvili equation. Open Physics, 2022, 20, 30-39.	1.7	19
13	Computational Simulations; Abundant Optical Wave Solutions Atangana Conformable Fractional Nonlinear SchrÃ¶dinger Equation. Advances in Mathematical Physics, 2022, 2022, 1-13.	0.8	6
14	Accurate demonstrating of the interactions of two long waves with different dispersion relations: Generalized Hirotaâ€“Satsuma couple KdV equation. AIP Advances, 2022, 12, .	1.3	24
15	Lax representation and bi-Hamiltonian structure of nonlinear Qiao model. Modern Physics Letters B, 2022, 36, .	1.9	41
16	Abundant wave structures of the fractional Benjamin-Ono equation through two computational techniques. Journal of Ocean Engineering and Science, 2022, , .	4.3	13
17	Computational wave solutions of some nonlinear evolution equations. Journal of Ocean Engineering and Science, 2022, , .	4.3	9
18	Abundant solitary and semi-analytical wave solutions of nonlinear shallow water wave regime model. Journal of Ocean Engineering and Science, 2022, , .	4.3	2

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19	Dynamical behaviour of Chiral nonlinear SchrÃ¶dinger equation. Optical and Quantum Electronics, 2022, 54, 1.	3.3	55
20	Two-component plasma and electron trappingâ€™s influence on the potential of a solitary electrostatic wave with the dust-ion-acoustic speed. Journal of Ocean Engineering and Science, 2022, , .	4.3	13
21	Abundant stable and accurate solutions of the three-dimensional magnetized electron-positron plasma equations. Journal of Ocean Engineering and Science, 2022, , .	4.3	7
22	Optical wave solutions of perturbed time-fractional nonlinear SchrÃ¶dinger equation. Journal of Ocean Engineering and Science, 2022, , .	4.3	10
23	Soliton wave solutions of ion-acoustic waves a cold plasma with negative ions. Journal of Low Frequency Noise Vibration and Active Control, 2022, 41, 852-895.	2.9	7
24	Computational simulation and nonlinear vibration motions of isolated waves localized in small part of space. Journal of Ocean Engineering and Science, 2022, , .	4.3	3
25	In (1Â+Â1)â€“dimension; inelastic interaction of long-surface gravity waves of small-amplitude unidirectional propagation. Journal of Ocean Engineering and Science, 2022, , .	4.3	3
26	Nonparaxial pulse propagation in a planar waveguide with Kerrâ€“like and quintic nonlinearities; computational simulations. Chaos, Solitons and Fractals, 2022, 157, 111970.	5.1	49
27	Ultra-short pulses generationâ€™s precise influence on the light transmission in optical fibers. Results in Physics, 2022, 37, 105411.	4.1	29
28	OPTICAL SOLITON WAVE SOLUTIONS OF THE FRACTIONAL COMPLEX PARAXIAL WAVE DYNAMICAL MODEL ALONG WITH KERR MEDIA. Fractals, 2022, 30, .	3.7	12
29	Novel computational technique; the second positive member in a new completely integrable hierarchy. Journal of Ocean Engineering and Science, 2022, , .	4.3	0
30	Abundant novel nematicon soliton wave solutions in liquid crystals with Kerr law nonlinearity. Journal of Ocean Engineering and Science, 2022, , .	4.3	0
31	Dynamical behavior of the long waves on the surface of the water with a small amplitude in noneâ€“dimensional nonlinear lattices. Journal of Ocean Engineering and Science, 2022, , .	4.3	2
32	Localized and coherent wavesâ€™ propagation in a nonlinear dispersive medium; Computational simulations. Journal of Ocean Engineering and Science, 2022, , .	4.3	0
33	Abundant accurate solitonic water and ionic liquid wave structures of the nanoparticle hybrid system. Computational and Applied Mathematics, 2022, 41, .	2.2	6
34	Computational simulations of the cubic-quintic nonlinear Helmholtz model. Journal of Ocean Engineering and Science, 2022, , .	4.3	4
35	Abundant stable wave structures for the nonlinear propagation of dislocations in crystals, phase differences across Josephson junctions. Journal of Ocean Engineering and Science, 2022, , .	4.3	0
36	Stable abundant computational solitary wave structures of the perturbed time-fractional NLS equation. Journal of Ocean Engineering and Science, 2022, , .	4.3	1

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37	Computational simulations; propagation behavior of the Riemann wave interacting with the long wave. Journal of Ocean Engineering and Science, 2022, , .	4.3	1
38	Analytical and semiâ€analytical solutions for timeâ€fractional Cahnâ€“Allen equation. Mathematical Methods in the Applied Sciences, 2021, 44, 2682-2691.	2.3	32
39	Numerical investigation for the fractional nonlinear spaceâ€time telegraph equation via the trigonometric Quintic Bâ€spline scheme. Mathematical Methods in the Applied Sciences, 2021, 44, 4598-4606.	2.3	62
40	Computational and numerical simulations for the deoxyribonucleic acid (DNA) model. Discrete and Continuous Dynamical Systems - Series S, 2021, 14, 3459.	1.1	29
41	A New Numerical Approach for Solving 1D Fractional Diffusion-Wave Equation. Journal of Function Spaces, 2021, 2021, 1-7.	0.9	11
42	Strong Langmuir turbulence dynamics through the trigonometric quintic and exponential B-spline schemes. AIMS Mathematics, 2021, 6, 5896-5908.	1.6	29
43	Diverse novel analytical and semi-analytical wave solutions of the generalized (2+1)-dimensional shallow water waves model. AIP Advances, 2021, 11, .	1.3	55
44	Some optical soliton solutions to the perturbed nonlinear SchrÃ¶dinger equation by modified Khater method. AIP Advances, 2021, 11, .	1.3	72
45	Diverse solitary and Jacobian solutions in a continually laminated fluid with respect to shear flows through the Ostrovsky equation. Modern Physics Letters B, 2021, 35, 2150220.	1.9	70
46	On semi analytical and numerical simulations for a mathematical biological model; the time-fractional nonlinear Kolmogorovâ€“Petrovskiiâ€“Piskunov (KPP) equation. Chaos, Solitons and Fractals, 2021, 144, 110676.	5.1	82
47	Analytical and semi-analytical solutions for Phi-four equation through three recent schemes. Results in Physics, 2021, 22, 103954.	4.1	60
48	Diverse novel computational wave solutions of the time fractional Kolmogorovâ€”Petrovskii - Piskunov and the (2 + 1)-dimensional Zoomeron equations. Physica Scripta, 2021, 96, 075207.	2.5	25
49	Diverse accurate computational solutions of the nonlinear Kleinâ€“Fockâ€“Gordon equation. Results in Physics, 2021, 23, 104003.	4.1	45
50	On the solitary wave solutions and physical characterization of gas diffusion in a homogeneous medium via some efficient techniques. European Physical Journal Plus, 2021, 136, 1.	2.6	60
51	Analytical versus numerical solutions of the nonlinear fractional timeâ€“space telegraph equation. Modern Physics Letters B, 2021, 35, 2150324.	1.9	78
52	Five semi analytical and numerical simulations for the fractional nonlinear space-time telegraph equation. Advances in Difference Equations, 2021, 2021, .	3.5	21
53	Brightâ€“Dark Soliton Wavesâ€™ Dynamics in Pseudo Spherical Surfaces through the Nonlinear Kaupâ€“Kupershmidt Equation. Symmetry, 2021, 13, 963.	2.2	40
54	Accurate sets of solitary solutions for the quadraticâ€“cubic fractional nonlinear SchrÃ¶dinger equation. AIP Advances, 2021, 11, .	1.3	25

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55	Abundant novel wave solutions of nonlinear Kleinâ€“Gordonâ€“Zakharov (KGZ) model. European Physical Journal Plus, 2021, 136, 1.	2.6	28
56	Computational and approximate solutions of complex nonlinear Fokasâ€“Lenells equation arising in optical fiber. Results in Physics, 2021, 25, 104322.	4.1	37
57	Abundant Wave Accurate Analytical Solutions of the Fractional Nonlinear Hirotaâ€“Satsumaâ€“Shallow Water Wave Equation. Fluids, 2021, 6, 235.	1.7	27
58	Multiple Novels and Accurate Traveling Wave and Numerical Solutions of the (2+1) Dimensional Fisher-Kolmogorov- Petrovskii-Piskunov Equation. Mathematics, 2021, 9, 1440.	2.2	25
59	Diverse Novel Stable Traveling Wave Solutions of the Advanced or Voltage Spectrum of Electrified Transmission Through Fractional Non-linear Model. Frontiers in Physics, 2021, 9, .	2.1	3
60	Abundant Traveling Wave and Numerical Solutions of Weakly Dispersive Long Waves Model. Symmetry, 2021, 13, 1085.	2.2	22
61	Sub-10-fs-pulse propagation between analytical and numerical investigation. Results in Physics, 2021, 25, 104133.	4.1	37
62	Explicit, periodic and dispersive soliton solutions to the conformable time-fractional Wuâ€“Zhang system. Modern Physics Letters B, 2021, 35, 2150417.	1.9	13
63	Folded novel accurate analytical and semi-analytical solutions of a generalized Calogeroâ€“Bogoyavlenskiiâ€“Schiff equation. Communications in Theoretical Physics, 2021, 73, 095003.	2.5	48
64	Diverse bistable dark novel explicit wave solutions of cubicâ€“quintic nonlinear Helmholtz model. Modern Physics Letters B, 2021, 35, 2150441.	1.9	43
65	Abundant wave solutions of the perturbed Gerdjikovâ€“Ivanov equation in telecommunication industry. Modern Physics Letters B, 2021, 35, 2150456.	1.9	49
66	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
67	New traveling solutions of the fractional nonlinear KdV and ZKBBM equations with ?â„¬â„› fractional operator. International Journal of Modern Physics B, 2021, 35, .	2.0	22
68	Numerical simulations of Zakharovâ€™s (ZK) non-dimensional equation arising in Langmuir and ion-acoustic waves. Modern Physics Letters B, 2021, 35, .	1.9	42
69	Plenty accurate soliton wave solutions of the prototype of an excitable system. AIP Advances, 2021, 11, .	1.3	9
70	Research of lump dynamics on the (3+1)-dimensional B-type Kadomtsevâ€“Petviashviliâ€“Boussinesq equation. Modern Physics Letters B, 2021, 35, .	1.9	10
71	Novel explicit breath wave and numerical solutions of an Atangana conformable fractional Lotkaâ€“Volterra model. AEJ - Alexandria Engineering Journal, 2021, 60, 4735-4743.	6.4	19
72	Optical soliton structure of the sub-10-fs-pulse propagation model. Journal of Optics (India), 2021, 50, 109-119.	1.7	23

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73	Computational schemes between the exact, analytical and numerical solution in present of timeâ€"fractional ecological model. Physica Scripta, 2021, 96, 035207.	2.5	4
74	Superabundant novel solutions of the long waves mathematical modeling in shallow water with power-law nonlinearity in ocean beaches via three recent analytical schemes. European Physical Journal Plus, 2021, 136, 1.	2.6	12
75	Novel analytical simulations of the complex nonlinear Daveyâ€"Stewartson equations in the gravity-capillarity surface wave packets. Journal of Ocean Engineering and Science, 2021, , .	4.3	10
76	Analytical simulations of the Fokas system; extension (2 + 1)-dimensional nonlinear SchrÃ¶dinger equation. International Journal of Modern Physics B, 2021, 35, .	2.0	27
77	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
78	On some novel bright, dark and optical solitons to the cubic-quintic nonlinear non-paraxial pulse propagation model. Optical and Quantum Electronics, 2021, 53, 1.	3.3	6
79	Diverse novel solutions for the ionic current using the microtubule equation based on two recent computational schemes. Journal of Computational Electronics, 2021, 20, 2604-2613.	2.5	6
80	Propagation of new dynamics of longitudinal bud equation among a magneto-electro-elastic round rod. Modern Physics Letters B, 2021, 35, .	1.9	64
81	New types of exact solutions of high-frequency waves model in the relaxation medium. Thermal Science, 2021, 25, 233-238.	1.1	1
82	Novel solitary wave solutions in parabolic law medium with weak non-local non-linearity. Thermal Science, 2021, 25, 239-246.	1.1	0
83	Analytical and semi analytical solutions of the internal waves of deep-stratified fluids. Thermal Science, 2021, 25, 227-232.	1.1	1
84	Stable novel and accurate solitary wave solutions of an integrable equation: Qiao model. Open Physics, 2021, 19, 742-752.	1.7	11
85	Faster and Slower Soliton Phase Shift: Oceanic Waves Affected by Earth Rotation. Mathematics, 2021, 9, 3223.	2.2	5
86	Analytical and numerical simulations for the kinetics of phase separation in iron (Feâ€"Crâ€"X (X=Mo,) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.6	68
87	On the computational and numerical solutions of the transmission of nerve impulses of an excitable system (the neuron system). Journal of Intelligent and Fuzzy Systems, 2020, 38, 2603-2610.	1.4	8
88	Abundant numerical and analytical solutions of the generalized formula of Hirota-Satsuma coupled KdV system. Chaos, Solitons and Fractals, 2020, 131, 109473.	5.1	67
89	Analytical and numerical solutions for the current and voltage model on an electrical transmission line with time and distance. Physica Scripta, 2020, 95, 055206.	2.5	37
90	Computational and Numerical Solutions for 2+1-Dimensional Integrable Schwarzâ€"Kortewegâ€"de Vries Equation with Miura Transform. Complexity, 2020, 2020, 1-13.	1.6	3

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91	On the Analytical and Numerical Solutions in the Quantum Magnetoplasmas: The Atangana Conformable Derivative (<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML") Tj ETQq1 1 0.784314 rgBT /Overlock 10 T f 5 with Power-Law Nonlinearity. Advances in Mathematical Physics, 2020, 2020, 1-10.	0.8	10
92	Dynamical Behaviour of the Light Pulses through the Optical Fiber: Two Nonlinear Atangana Conformable Fractional Evolution Equations. Journal of Mathematics, 2020, 2020, 1-6.	1.0	5
93	Computational solutions of the HIV-1 infection of CD4<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.svg"><mml:msup><mml:mrow /><mml:mo>+</mml:mo></mml:msup></mml:math>T-cells fractional mathematical model that causes acquired immunodeficiency syndrome (AIDS) with the effect of antiviral drug therapy. Chaos, Solitons and Fractals, 2020, 139, 110092.	5.1	49
94	Abundant new computational wave solutions of the GM-DP-CH equation via two modified recent computational schemes. Journal of Taibah University for Science, 2020, 14, 1554-1562.	2.5	25
95	Abundant distinct types of solutions for the nervous biological fractional FitzHughâ€“Nagumo equation via three different sorts of schemes. Advances in Difference Equations, 2020, 2020, .	3.5	19
96	On Highly Dimensional Elastic and Nonelastic Interaction between Internal Waves in Straight and Varying Cross-Section Channels. Mathematical Problems in Engineering, 2020, 2020, 1-9.	1.1	4
97	Two effective computational schemes for a prototype of an excitable system. AIP Advances, 2020, 10, 105120.	1.3	22
98	Multiple Lump Novel and Accurate Analytical and Numerical Solutions of the Three-Dimensional Potential Yuâ€“Todaâ€“Sasaâ€“Fukuyama Equation. Symmetry, 2020, 12, 2081.	2.2	9
99	On the numerical investigation of the interaction in plasma between (high & low) frequency of (Langmuir & ion-acoustic) waves. Results in Physics, 2020, 18, 103317.	4.1	43
100	Computational simulation for the (1 + 1)-dimensional Ito equation arising quantum mechanics and nonlinear optics. Results in Physics, 2020, 19, 103572.	4.1	17
101	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
102	On the stable computational, semi-analytical, and numerical solutions of the Langmuir waves in an ionized plasma. Journal of Intelligent and Fuzzy Systems, 2020, 38, 2833-2845.	1.4	3
103	ON THE NEW EXPLICIT SOLUTIONS OF THE FRACTIONAL NONLINEAR SPACE-TIME NUCLEAR MODEL. Fractals, 2020, 28, 2040035.	3.7	47
104	ON EXPLICIT WAVE SOLUTIONS OF THE FRACTIONAL NONLINEAR DSW SYSTEM VIA THE MODIFIED KHATER METHOD. Fractals, 2020, 28, 2040034.	3.7	34
105	Novel exact solutions of the fractional Bogoyavlenskyâ€“Konopelchenko equation involving the Atangana-Baleanu-Riemann derivative. AEJ - Alexandria Engineering Journal, 2020, 59, 2957-2967.	6.4	55
106	Ample soliton waves for the crystal lattice formation of the conformable time-fractional (Nâ€Š+â€Š1) Sinh-Gordon equation by the modified Khater method and the PainlevÃ© property. Journal of Intelligent and Fuzzy Systems, 2020, 38, 2745-2752.	1.4	11
107	Dynamical analysis of the nonlinear complex fractional emerging telecommunication model with higherâ€“order dispersive cubicâ€“quintic. AEJ - Alexandria Engineering Journal, 2020, 59, 1425-1433.	6.4	77
108	Exact Traveling and Nano-Solitons Wave Solitons of the Ionic Waves Propagating along Microtubules in Living Cells. Mathematics, 2020, 8, 697.	2.2	20

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109	The new structure of analytical and semi-analytical solutions of the longitudinal plasma wave equation in a magneto-electro-elastic circular rod. Modern Physics Letters B, 2020, 34, 2050123.	1.9	23
110	Copious Closed Forms of Solutions for the Fractional Nonlinear Longitudinal Strain Wave Equation in Microstructured Solids. Mathematical Problems in Engineering, 2020, 2020, 1-8.	1.1	11
111	Inelastic Interaction and Blowup New Solutions of Nonlinear and Dispersive Long Gravity Waves. Journal of Function Spaces, 2020, 2020, 1-10.	0.9	10
112	Optical wave solutions of the higher-order nonlinear SchrÃ¶dinger equation with the non-Kerr nonlinear term via modified Khater method. Modern Physics Letters B, 2020, 34, 2050044.	1.9	51
113	Analytical and semi-analytical ample solutions of the higher-order nonlinear SchrÃ¶dinger equation with the non-Kerr nonlinear term. Results in Physics, 2020, 16, 103000.	4.1	64
114	Abundant new solutions of the transmission of nerve impulses of an excitable system. European Physical Journal Plus, 2020, 135, 1.	2.6	25
115	An explicit plethora of solution for the fractional nonlinear model of the lowâ€“pass electrical transmission lines via Atanganaâ€“Baleanu derivative operator. AEJ - Alexandria Engineering Journal, 2020, 59, 1205-1214.	6.4	49
116	Computational and numerical simulations for the nonlinear fractional Kolmogorovâ€“Petrovskiiâ€“Piskunov (FKPP) equation. Physica Scripta, 2020, 95, 055213.	2.5	31
117	Analytical, semi-analytical, and numerical solutions for the Cahnâ€“Allen equation. Advances in Difference Equations, 2020, 2020, .	3.5	42
118	On new computational and numerical solutions of the modified Zakharovâ€“Kuznetsov equation arising in electrical engineering. AEJ - Alexandria Engineering Journal, 2020, 59, 1099-1105.	6.4	40
119	Approximate Simulations for the Non-linear Long-Short Wave Interaction System. Frontiers in Physics, 2020, 7, .	2.1	12
120	Computational simulations of the couple Boitiâ€“Leonâ€“Pempinelli (BLP) system and the (3+1)-dimensional Kadomtsevâ€“Petviashvili (KP) equation. AIP Advances, 2020, 10, .	1.3	28
121	On complex wave structures related to the nonlinear longâ€“short wave interaction system: Analytical and numerical techniques. AIP Advances, 2020, 10, .	1.3	18
122	Abundant analytical solutions of the fractional nonlinear (2 + 1)-dimensional BLMP equation arising in incompressible fluid. International Journal of Modern Physics B, 2020, 34, 2050084.	2.0	28
123	Novel soliton waves of two fluid nonlinear evolutions models in the view of computational scheme. International Journal of Modern Physics B, 2020, 34, 2050096.	2.0	37
124	Abundant analytical and numerical solutions of the fractional microbiological densities model in bacteria cell as a result of diffusion mechanisms. Chaos, Solitons and Fractals, 2020, 136, 109824.	5.1	51
125	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
126	Interaction solutions of a variable-coefficient Kadomtsevâ€“Petviashvili equation with self-consistent sources. International Journal of Nonlinear Sciences and Numerical Simulation, 2020, .	1.0	1

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127	Effective computational schemes for a mathematical model of relativistic electrons arising in the laser thermonuclear fusion. Results in Physics, 2020, 19, 103701.	4.1	14
128	On abundant new solutions of two fractional complex models. Advances in Difference Equations, 2020, 2020, .	3.5	26
129	Oblique explicit wave solutions of the fractional biological population (BP) and equal width (EW) models. Advances in Difference Equations, 2020, 2020, .	3.5	23
130	The plethora of explicit solutions of the fractional KS equation through liquidâ€“gas bubbles mix under the thermodynamic conditions via Atanganaâ€“Baleanu derivative operator. Advances in Difference Equations, 2020, 2020, .	3.5	55
131	New optical solitons of conformable resonant nonlinear SchrÃ¶dingerâ€™s equation. Open Physics, 2020, 18, 761-769.	1.7	27
132	New optical explicit plethora of the resonant Schrodingerâ€™s equation via two recent computational schemes. Thermal Science, 2020, 24, 247-255.	1.1	3
133	New optical explicit plethora of the resonant Schrodingerâ€™s equation via two recent computational schemes. Thermal Science, 2020, 24, 247-255.	1.1	0
134	Structures of exact and solitary optical solutions for the higher-order nonlinear SchrÃ¶dinger equation and its applications in mono-mode optical fibers. Modern Physics Letters B, 2019, 33, 1950279.	1.9	43
135	New analytical wave structures for the (3â€¯+â€¯1)-dimensional Kadomtsev-Petviashvili and the generalized Boussinesq models and their applications. Results in Physics, 2019, 14, 102491.	4.1	78
136	Numerical solutions of nonlinear fractional Wuâ€“Zhang system for water surface versus three approximate schemes. Journal of Ocean Engineering and Science, 2019, 4, 144-148.	4.3	51
137	Complex wave structures for abundant solutions related to the complex Ginzburgâ€“Landau model. Optik, 2019, 192, 162927.	2.9	83
138	Lump soliton wave solutions for the (2+1)-dimensional Konopelchenkoâ€“Dubrovsky equation and KdV equation. Modern Physics Letters B, 2019, 33, 1950199.	1.9	69
139	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
140	Dispersive long wave of nonlinear fractional Wu-Zhang system via a modified auxiliary equation method. AIP Advances, 2019, 9, .	1.3	107
141	Chaos and Relativistic Energy-Momentum of the Nonlinear Time Fractional Duffing Equation. Mathematical and Computational Applications, 2019, 24, 10.	1.3	26
142	Explicit Lump Solitary Wave of Certain Interesting (3+1)-Dimensional Waves in Physics via Some Recent Traveling Wave Methods. Entropy, 2019, 21, 397.	2.2	52
143	A study of optical wave propagation in the nonautonomous SchrÃ¶dinger-Hirota equation with power-law nonlinearity. Results in Physics, 2019, 13, 102157.	4.1	94
144	Analytical and Approximate Solutions for Complex Nonlinear SchrÃ¶dinger Equation via Generalized Auxiliary Equation and Numerical Schemes. Communications in Theoretical Physics, 2019, 71, 1267.	2.5	31

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145	The shock peakon wave solutions of the general Degasperisâ€“Procesi equation. International Journal of Modern Physics B, 2019, 33, 1950351.	2.0	27
146	Modified Auxiliary Equation Method versus Three Nonlinear Fractional Biological Models in Present Explicit Wave Solutions. Mathematical and Computational Applications, 2019, 24, 1.	1.3	36
147	On exact and approximate solutions of (2+1)-dimensional Konopelchenko-Dubrovsky equation via modified simplest equation and cubic B-spline schemes. Thermal Science, 2019, 23, 1889-1899.	1.1	12
148	Analytical and semi-analytical wave solutions for longitudinal wave equation via modified auxiliary equation method and Adomian decomposition method. Thermal Science, 2019, 23, 1943-1957.	1.1	18
149	Study on the solitary wave solutions of the ionic currents on microtubules equation by using the modified Khater method. Thermal Science, 2019, 23, 2053-2062.	1.1	25
150	Bifurcations of solitary wave solutions for (two and three)-dimensional nonlinear partial differential equation in quantum and magnetized plasma by using two different methods. Results in Physics, 2018, 9, 142-150.	4.1	16
151	Optical soliton and rogue wave solutions of the ultra-short femto-second pulses in an optical fiber via two different methods and its applications. Optik, 2018, 158, 434-450.	2.9	44
152	Solitary traveling wave solutions of pressure equation of bubbly liquids with examination for viscosity and heat transfer. Results in Physics, 2018, 8, 292-303.	4.1	13
153	New optical soliton solutions for nonlinear complex fractional SchrÃ¶dinger equation via new auxiliary equation method and novel $${G'}/{G})$$ (G â€² / G) -expansion method. Pramana - Journal of Physics, 2018, 90, 1.	1.8	23
154	Dispersive optical soliton solutions of the generalized Radhakrishnanâ€“Kunduâ€“Lakshmanan dynamical equation with power law nonlinearity and its applications. Optik, 2018, 164, 54-64.	2.9	54
155	Optical soliton and brightâ€“dark solitary wave solutions of nonlinear complex Kunduâ€“Eckhaus dynamical equation of the ultra-short femtosecond pulses in an optical fiber. Optical and Quantum Electronics, 2018, 50, 1.	3.3	13
156	Implementation of three reliable methods for finding the exact solutions of (2Â+Â1) dimensional generalized fractional evolution equations. Optical and Quantum Electronics, 2018, 50, 1.	3.3	11
157	Dispersive solitary wave solutions of new coupled Konno-Oono, Higgs field and Maccari equations and their applications. Journal of King Saud University - Science, 2018, 30, 417-423.	3.5	27
158	Dispersive optical soliton solutions for higher order nonlinear Sasa-Satsuma equation in mono mode fibers via new auxiliary equation method. Superlattices and Microstructures, 2018, 113, 346-358.	3.1	65
159	Structure of solitary wave solutions of the nonlinear complex fractional generalized Zakharov dynamical system. Advances in Difference Equations, 2018, 2018, .	3.5	22
160	Reply of the manuscript of authors (Elsayed and Abdul-Ghani) in title (Comment on the paper of our) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Microstructures, 2018, 123, 460-464.	3.1	6
161	Comment on four papers of Elsayed M.E. Zayed, Abdul-Ghani Al-Nowehy, Reham M.A. Shohib and Khaled A.E. Alurrfi (Optik 130 (2017) 1295â€“1311 & Optik 143 (2017) 84â€“103 & Optik 158 (2018) 970â€“984 &)Tj ETQ		
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