

Abdullahi Yusuf

List of Publications by Year in descending order

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189
papers

5,649
citations

66315

42
h-index

128225

60
g-index

192
all docs

192
docs citations

192
times ranked

1692
citing authors

#	ARTICLE	IF	CITATIONS
1	New lump interaction complexitons to the (2+1)-dimensional Korteweg-de Vries equation with electrostatic wave potential in plasmas. Journal of Ocean Engineering and Science, 2024, 9, 173-177.	1.7	0
2	Analysis of fractional COVID-19 epidemic model under Caputo operator. Mathematical Methods in the Applied Sciences, 2023, 46, 7944-7964.	1.2	21
3	Dynamics of lump-periodic and breather waves solutions with variable coefficients in liquid with gas bubbles. Waves in Random and Complex Media, 2023, 33, 1085-1098.	1.6	13
4	Breather waves, analytical solutions and conservation laws using Lie-Bäcklund symmetries to the (2+1)-dimensional Ito equation. Journal of Ocean Engineering and Science, 2023, 8, 145-151.	1.7	17
5	Lump, its interaction phenomena and conservation laws to a nonlinear mathematical model. Journal of Ocean Engineering and Science, 2022, 7, 363-371.	1.7	11
6	Two-wave, breather wave solutions and stability analysis to the (2+1)-dimensional Ito equation. Journal of Ocean Engineering and Science, 2022, 7, 467-474.	1.7	5
7	The mathematical study of climate change model under nonlocal fractional derivative. Partial Differential Equations in Applied Mathematics, 2022, 5, 100204.	1.3	10
8	STATIONARY DISTRIBUTION AND EXTINCTION OF STOCHASTIC CORONAVIRUS (COVID-19) EPIDEMIC MODEL. Fractals, 2022, 30, .	1.8	3
9	A comparison of analytical solutions of nonlinear complex generalized Zakharov dynamical system for various definitions of the differential operator. Electronic Research Archive, 2022, 30, 335-361.	0.4	17
10	On the exact soliton solutions and different wave structures to the double dispersive equation. Optical and Quantum Electronics, 2022, 54, 1.	1.5	31
11	Fractional Modeling for Improving Scholastic Performance of Students with Optimal Control. International Journal of Applied and Computational Mathematics, 2022, 8, 1.	0.9	28
12	Effect of an antiviral drug control and its variable order fractional network in host COVID-19 kinetics. European Physical Journal: Special Topics, 2022, 231, 1915-1929.	1.2	8
13	Impact of information intervention on stochastic hepatitis B model and its variable-order fractional network. European Physical Journal: Special Topics, 2022, 231, 1859-1873.	1.2	13
14	Existence theory and numerical solution of leptospirosis disease model via exponential decay law. AIMS Mathematics, 2022, 7, 8822-8846.	0.7	3
15	New Fractional Modelling, Analysis and Control of the Three Coupled Multiscale Non-Linear Buffering System. International Journal of Applied and Computational Mathematics, 2022, 8, 86.	0.9	1
16	Convex-rogue, half-kink, cusp-soliton and other bidirectional wave-solutions to the generalized Pochhammer-Chree equation. Physica Scripta, 2022, 97, 055203.	1.2	28
17	On group of Lie symmetry analysis, explicit series solutions and conservation laws for the time-fractional (2+1)-dimensional Zakharov-Kuznetsov (q,p,r) equation. Journal of Geometry and Physics, 2022, 176, 104512.	0.7	6
18	A Mathematical Model Analysis of Meningitis with Treatment and Vaccination in Fractional Derivatives. International Journal of Applied and Computational Mathematics, 2022, 8, 1.	0.9	22

#	ARTICLE	IF	CITATIONS
19	Optical solitons and other solutions to the Hirotaâ€™Maccari system with conformable, M-truncated and beta derivatives. Modern Physics Letters B, 2022, 36, .	1.0	24
20	On the breather waves, lump solutions, two-wave solutions of (3+1) dimensional Martnez Alonso Shabat equation. Journal of Ocean Engineering and Science, 2022, , .	1.7	1
21	Numerical approximations and conservation laws for the Sine-Gordon equation. Journal of Geometry and Physics, 2022, 178, 104556.	0.7	1
22	On the analytical optical soliton solutions of perturbed Radhakrishnanâ€™Kunduâ€™Lakshmanan model with Kerr law nonlinearity. Optical and Quantum Electronics, 2022, 54, .	1.5	26
23	Transmission dynamics of COVID-19 pandemic with combined effects of relapse, reinfection and environmental contribution: A modeling analysis. Results in Physics, 2022, 38, 105653.	2.0	5
24	Unravelling the dynamics of the COVID-19 pandemic with the effect of vaccination, vertical transmission and hospitalization. Results in Physics, 2022, 39, 105715.	2.0	3
25	A NEW FRACTAL FRACTIONAL MODELING OF THE COMPUTER VIRUSES SYSTEM. Fractals, 2022, 30, .	1.8	2
26	Model of rice blast disease under tropical climate conditions. Chaos, Solitons and Fractals, 2021, 143, 110530.	2.5	23
27	Stability analysis and optimal control of covid-19 with convex incidence rate in Khyber Pakhtunkhawa (Pakistan). Results in Physics, 2021, 20, 103703.	2.0	43
28	Extraction of new optical solitons and MI analysis to three coupled Grossâ€™Pitaevskii system in the spinor Boseâ€™Einstein condensate. Modern Physics Letters B, 2021, 35, 2150109.	1.0	11
29	\$ M- \$truncated optical soliton and their characteristics to a nonlinear equation governing the certain instabilities of modulated wave trains. AIMS Mathematics, 2021, 6, 9207-9221.	0.7	4
30	Mathematical model to assess the imposition of lockdown during COVID-19 pandemic. Results in Physics, 2021, 20, 103716.	2.0	50
31	Mathematical modeling of pine wilt disease with Caputo fractional operator. Chaos, Solitons and Fractals, 2021, 143, 110569.	2.5	62
32	A mathematical model of Coronavirus Disease (COVID-19) containing asymptomatic and symptomatic classes. Results in Physics, 2021, 21, 103776.	2.0	91
33	Fractional methicillin-resistant Staphylococcus aureus infection model under Caputo operator. Journal of Applied Mathematics and Computing, 2021, 67, 755-783.	1.2	22
34	Dynamics of optical solitons and nonautonomous complex wave solutions to the nonlinear Schrodinger equation with variable coefficients. Nonlinear Dynamics, 2021, 104, 639-648.	2.7	51
35	A mathematical model for studying rape and its possible mode of control. Results in Physics, 2021, 22, 103917.	2.0	6
36	Lie-Bäcklund symmetries, analytical solutions and conservation laws to the more general (2+1)-dimensional Boussinesq equation. Results in Physics, 2021, 22, 103850.	2.0	17

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37	Mathematical Analysis of Oxygen Uptake Rate in Continuous Process under Caputo Derivative. Mathematics, 2021, 9, 675.	1.1	15
38	Analysis of novel fractional COVID-19 model with real-life data application. Results in Physics, 2021, 23, 103968.	2.0	21
39	The Schrödinger-KdV equation of fractional order with Mittag-Leffler nonsingular kernel. AEJ - Alexandria Engineering Journal, 2021, 60, 2715-2724.	3.4	64
40	Analysis of fractional-order nonlinear dynamic systems under Caputo differential operator. Mathematical Methods in the Applied Sciences, 2021, 44, 10861-10880.	1.2	3
41	Modeling the effect of horizontal and vertical transmissions of HIV infection with Caputo fractional derivative. Chaos, Solitons and Fractals, 2021, 145, 110794.	2.5	14
42	Kink-soliton, singular-kink-soliton and singular-periodic solutions for a new two-mode version of the Burger-Huxley model: applications in nerve fibers and liquid crystals. Optical and Quantum Electronics, 2021, 53, 1.	1.5	29
43	Delayed hepatitis B epidemic model with stochastic analysis. Chaos, Solitons and Fractals, 2021, 146, 110839.	2.5	74
44	A new mathematical model of COVID-19 using real data from Pakistan. Results in Physics, 2021, 24, 104098.	2.0	82
45	The M-fractional improved perturbed nonlinear Schrödinger equation: Optical solitons and modulation instability analysis. International Journal of Modern Physics B, 2021, 35, 2150121.	1.0	8
46	Soliton Solutions of $(2+1)$ Dimensional Heisenberg Ferromagnetic Spin Equation by the Extended Rational sine-cosine and sinh-cosh Method. International Journal of Applied and Computational Mathematics, 2021, 7, 1.	0.9	18
47	The analytical solutions of Zoomeron equation via extended rational sin-cos and sinh-cosh methods. Physica Scripta, 2021, 96, 094002.	1.2	43
48	A study on canine distemper virus (CDV) and rabies epidemics in the red fox population via fractional derivatives. Results in Physics, 2021, 25, 104281.	2.0	21
49	An epidemic prediction from analysis of a combined HIV-COVID-19 co-infection model via ABC-fractional operator. AEJ - Alexandria Engineering Journal, 2021, 60, 2979-2995.	3.4	45
50	Dual-wave solutions for the quadratic-cubic conformable-Caputo time-fractional Klein-Fock-Gordon equation. Mathematics and Computers in Simulation, 2021, 185, 62-76.	2.4	48
51	Control of a Symmetric Chaotic Supply Chain System Using a New Fixed-Time Super-Twisting Sliding Mode Technique Subject to Control Input Limitations. Symmetry, 2021, 13, 1257.	1.1	24
52	Transmission dynamics of SARS-CoV-2: A modeling analysis with high-and-moderate risk populations. Results in Physics, 2021, 26, 104290.	2.0	19
53	Stochastic optimal control analysis for the hepatitis B epidemic model. Results in Physics, 2021, 26, 104372.	2.0	12
54	Lassa hemorrhagic fever model using new generalized Caputo-type fractional derivative operator. International Journal of Modeling, Simulation, and Scientific Computing, 2021, 12, 2150055.	0.9	10

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73	Propagation of diverse ultrashort pulses in optical fiber to Trikiâ€“Biswas equation and its modulation instability analysis. <i>Modern Physics Letters B</i> , 2021, 35, .	1.0	4
74	Fractional dynamics and analysis for a lana fever infectious ailment with Caputo operator. <i>Chaos, Solitons and Fractals</i> , 2021, 153, 111605.	2.5	6
75	Different wave structures and stability analysis for the generalized (2+1)-dimensional Camassaâ€“Holmâ€“Kadomtsevâ€“Petviashvili equation. <i>Physica Scripta</i> , 2020, 95, 035229.	1.2	74
76	Optical solitons with M-truncated derivative and conservation laws for NLSE equation which describe pseudospherical surfaces. <i>Physica Scripta</i> , 2020, 95, 035217.	1.2	7
77	Approximate solutions to the conformable Rosenauâ€“Hyman equation using the twoâ€“step Adomian decomposition method with Pad Â© approximation. <i>Mathematical Methods in the Applied Sciences</i> , 2020, 43, 7632-7639.	1.2	11
78	Dynamics of optical solitons and conservation laws of a new (2+1)-dimensional integrable nonlinear evolution equation in deep water oceanic waves. <i>Modern Physics Letters B</i> , 2020, 34, 2050068.	1.0	7
79	A new fractional HRSV model and its optimal control: A non-singular operator approach. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2020, 547, 123860.	1.2	109
80	Mathematical analysis for an autonomous financial dynamical system via classical and modern fractional operators. <i>Chaos, Solitons and Fractals</i> , 2020, 132, 109552.	2.5	32
81	A new third order convergent numerical solver for continuous dynamical systems. <i>Journal of King Saud University - Science</i> , 2020, 32, 1409-1416.	1.6	15
82	Symmetry analysis, invariant subspace and conservation laws of the equation for fluid flow in porous media. <i>International Journal of Geometric Methods in Modern Physics</i> , 2020, 17, 2050173.	0.8	17
83	Breather wave, lump-periodic solutions and some other interaction phenomena to the Caudreyâ€“Doddâ€“Gibbon equation. <i>European Physical Journal Plus</i> , 2020, 135, 1.	1.2	44
84	New interaction and combined multi-wave solutions for the Heisenberg ferromagnetic spin chain equation. <i>European Physical Journal Plus</i> , 2020, 135, 1.	1.2	11
85	Fractional modeling for the spread of Hookworm infection under Caputo operator. <i>Chaos, Solitons and Fractals</i> , 2020, 137, 109878.	2.5	29
86	Synchronization of a Non-Equilibrium Four-Dimensional Chaotic System Using a Disturbance-Observer-Based Adaptive Terminal Sliding Mode Control Method. <i>Entropy</i> , 2020, 22, 271.	1.1	35
87	Mathematical modeling for adsorption process of dye removal nonlinear equation using power law and exponentially decaying kernels. <i>Chaos</i> , 2020, 30, 043106.	1.0	35
88	On three-dimensional variable order time fractional chaotic system with nonsingular kernel. <i>Chaos, Solitons and Fractals</i> , 2020, 133, 109628.	2.5	54
89	Nonautonomous complex wave solutions to the (2+1)-dimensional variable-coefficients nonlinear Chiral SchrÃ¶dinger equation. <i>Results in Physics</i> , 2020, 19, 103604.	2.0	34
90	New lump, lump-kink, breather waves and other interaction solutions to the (3+1)-dimensional soliton equation. <i>Communications in Theoretical Physics</i> , 2020, 72, 085004.	1.1	44

#	ARTICLE	IF	CITATIONS
91	Analysis of Caputo fractional-order model for COVID-19 with lockdown. <i>Advances in Difference Equations</i> , 2020, 2020, 394.	3.5	74
92	On the use of Mohand integral transform for solving fractional-order classical Caputo differential equations. <i>Journal of Applied Mathematics and Computational Mechanics</i> , 2020, 19, 99-109.	0.3	12
93	Families of exact solutions of Biswas-Milovic equation by an exponential rational function method. <i>Tbilisi Mathematical Journal</i> , 2020, 13, .	0.3	7
94	Analysis of meningitis model: A case study of northern Nigeria. <i>AIMS Bioengineering</i> , 2020, 7, 179-193.	0.6	7
95	Transmission dynamics of varicella zoster virus modeled by classical and novel fractional operators using real statistical data. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2019, 534, 122149.	1.2	50
96	Invariant and simulation analysis to the time fractional Abrahamsâ€™Tsuneto reaction diffusion system. <i>Physica Scripta</i> , 2019, 94, 125005.	1.2	20
97	Optical solitons to the $(n + 1)$ -dimensional nonlinear SchrÃ¶dingerâ€™s equation with Kerr law and power law nonlinearities using two integration schemes. <i>Modern Physics Letters B</i> , 2019, 33, 1950224.	1.0	14
98	Beta derivative applied to dark and singular optical solitons for the resonance perturbed NLSE. <i>European Physical Journal Plus</i> , 2019, 134, 1.	1.2	10
99	Optical Solitons With M-Truncated and Beta Derivatives in Nonlinear Optics. <i>Frontiers in Physics</i> , 2019, 7, .	1.0	45
100	Fractional modeling of blood ethanol concentration system with real data application. <i>Chaos</i> , 2019, 29, 013143.	1.0	162
101	Exact optical solitons of Radhakrishnanâ€™Kunduâ€™Lakshmanan equation with Kerr law nonlinearity. <i>Modern Physics Letters B</i> , 2019, 33, 1950061.	1.0	23
102	Mathematical modeling for the impacts of deforestation on wildlife species using Caputo differential operator. <i>Chaos, Solitons and Fractals</i> , 2019, 126, 32-40.	2.5	60
103	Symmetry analysis, exact solutions and numerical approximations for the space-time Carleman equation in nonlinear dynamical systems. <i>European Physical Journal Plus</i> , 2019, 134, 1.	1.2	17
104	Fractional derivatives applied to MSEIR problems: Comparative study with real world data. <i>European Physical Journal Plus</i> , 2019, 134, 1.	1.2	110
105	Dark-Bright Optical Soliton and Conserved Vectors to the Biswas-Arshed Equation With Third-Order Dispersions in the Absence of Self-Phase Modulation. <i>Frontiers in Physics</i> , 2019, 7, .	1.0	29
106	The new exact solitary wave solutions and stability analysis for the $(2 + 1)$ $(2+1)$ -dimensional Zakharovâ€™Kuznetsov equation. <i>Advances in Difference Equations</i> , 2019, 2019, .	3.5	95
107	Modeling chickenpox disease with fractional derivatives: From caputo to atangana-baleanu. <i>Chaos, Solitons and Fractals</i> , 2019, 122, 111-118.	2.5	161
108	Optical Solitons Possessing Beta Derivative of the Chen-Lee-Liu Equation in Optical Fibers. <i>Frontiers in Physics</i> , 2019, 7, .	1.0	68

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109	On multiple soliton similariton pair solutions, conservation laws via multiplier and stability analysis for the Whitham-Broer-Kaup equations in weakly dispersive media. <i>Mathematical Methods in the Applied Sciences</i> , 2019, 42, 2455-2464.	1.2	19
110	Dynamics of optical solitons, multipliers and conservation laws to the nonlinear Schrödinger equation in (2+1)-dimensions with non-Kerr law nonlinearity. <i>Journal of Modern Optics</i> , 2019, 66, 136-142.	0.6	21
111	Symmetry reductions, explicit solutions, convergence analysis and conservation laws via multipliers approach to the Chen-Lee-Liu model in nonlinear optics. <i>Modern Physics Letters B</i> , 2019, 33, 1950035.	1.0	10
112	Grey and black optical solitary waves, and modulation instability analysis to the perturbed nonlinear Schrödinger equation with Kerr law nonlinearity. <i>Journal of Modern Optics</i> , 2019, 66, 647-651.	0.6	5
113	Optical solitons and stability analysis with spatio-temporal dispersion in Kerr and quadric-cubic nonlinear media. <i>Optik</i> , 2019, 178, 923-931.	1.4	18
114	The investigation of soliton solutions and conservation laws to the coupled generalized Schrödinger-Boussinesq system. <i>Waves in Random and Complex Media</i> , 2019, 29, 77-92.	1.6	12
115	Dark-bright optical solitary waves and modulation instability analysis with (2 + 1)-dimensional cubic-quintic nonlinear Schrödinger equation. <i>Waves in Random and Complex Media</i> , 2019, 29, 393-402.	1.6	22
116	A Five Parameter Statistical Distribution with Application to Real Data. <i>Journal of Statistics Applications and Probability</i> , 2019, 8, 11-26.	0.5	6
117	Adomian-Padé approximate solutions to the conformable nonlinear heat transfer equation. <i>Thermal Science</i> , 2019, 23, 235-242.	0.5	5
118	New solitary wave solutions and stability analysis of the Benney-Luke and the Phi-4 equations in mathematical physics. <i>AIMS Mathematics</i> , 2019, 4, 1523-1539.	0.7	35
119	Approximate solutions and conservation laws of the periodic base temperature of convective longitudinal fins in thermal conductivity. <i>Thermal Science</i> , 2019, 23, 267-273.	0.5	2
120	Space-time fractional Rosenou-Haynam equation: Lie symmetry analysis, explicit solutions and conservation laws. <i>Advances in Difference Equations</i> , 2018, 2018, .	3.5	33
121	Fractional optical solitons for the conformable space-time nonlinear Schrödinger equation with Kerr law nonlinearity. <i>Optical and Quantum Electronics</i> , 2018, 50, 1.	1.5	17
122	Gray optical soliton, linear stability analysis and conservation laws via multipliers to the cubic nonlinear Schrödinger equation. <i>Optik</i> , 2018, 164, 472-478.	1.4	15
123	Dark and singular optical solitons for the conformable space-time nonlinear Schrödinger equation with Kerr and power law nonlinearity. <i>Optik</i> , 2018, 162, 65-75.	1.4	36
124	Investigation of the logarithmic-KdV equation involving Mittag-Leffler type kernel with Atangana-Baleanu derivative. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018, 506, 520-531.	1.2	43
125	Lie symmetry analysis and explicit solutions for the time fractional generalized Burgers-Huxley equation. <i>Optical and Quantum Electronics</i> , 2018, 50, 1.	1.5	43
126	Traveling wave solutions and conservation laws for nonlinear evolution equation. <i>Journal of Mathematical Physics</i> , 2018, 59, 023506.	0.5	31

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127	Optical solitons for complex Ginzburg-Landau model in nonlinear optics. <i>Optik</i> , 2018, 158, 368-375.	1.4	41
128	Combined optical solitary waves and conservation laws for nonlinear Chen-Lee-Liu equation in optical fibers. <i>Optik</i> , 2018, 158, 297-304.	1.4	36
129	Dark and combined optical solitons, and modulation instability analysis in dispersive metamaterial. <i>Optik</i> , 2018, 157, 484-491.	1.4	15
130	Soliton structures to some time-fractional nonlinear differential equations with conformable derivative. <i>Optical and Quantum Electronics</i> , 2018, 50, 1.	1.5	24
131	Complexiton and solitary wave solutions of the coupled nonlinear Maccari's system using two integration schemes. <i>Modern Physics Letters B</i> , 2018, 32, 1850014.	1.0	29
132	Lie symmetry analysis, explicit solutions and conservation laws for the space-time fractional nonlinear evolution equations. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018, 496, 371-383.	1.2	66
133	Soliton solutions, stability analysis and conservation laws for the brusselator reaction diffusion model with time- and constant-dependent coefficients. <i>European Physical Journal Plus</i> , 2018, 133, 1.	1.2	31
134	Soliton solutions and stability analysis for some conformable nonlinear partial differential equations in mathematical physics. <i>Optical and Quantum Electronics</i> , 2018, 50, 1.	1.5	40
135	Optical and singular solitary waves to the PNLSE with third order dispersion in Kerr media via two integration approaches. <i>Optik</i> , 2018, 163, 142-151.	1.4	14
136	Optical solitary waves, conservation laws and modulation instability analysis to the nonlinear Schrödinger's equation in compressional dispersive Al ^v n waves. <i>Optik</i> , 2018, 155, 257-266.	1.4	52
137	Time Fractional Third-Order Evolution Equation: Symmetry Analysis, Explicit Solutions, and Conservation Laws. <i>Journal of Computational and Nonlinear Dynamics</i> , 2018, 13, .	0.7	49
138	Optical solitons to the resonance nonlinear Schrödinger equation by Sine-Gordon equation method. <i>Superlattices and Microstructures</i> , 2018, 113, 541-549.	1.4	42
139	Optical solitons, conservation laws and modulation instability analysis for the modified nonlinear Schrödinger's equation for Davydov solitons. <i>Journal of Electromagnetic Waves and Applications</i> , 2018, 32, 858-873.	1.0	21
140	Optical solitons for Biswas-Milovic Model in nonlinear optics by Sine-Gordon equation method. <i>Optik</i> , 2018, 157, 267-274.	1.4	43
141	Lie symmetry analysis, exact solutions and conservation laws for the time fractional Caudrey-Dodd-Gibbon-Sawada-Kotera equation. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2018, 59, 222-234.	1.7	88
142	Novel optical solitary waves and modulation instability analysis for the coupled nonlinear Schrödinger equation in monomode step-index optical fibers. <i>Superlattices and Microstructures</i> , 2018, 113, 745-753.	1.4	34
143	Time-fractional Cahn-Allen and time-fractional Klein-Gordon equations: Lie symmetry analysis, explicit solutions and convergence analysis. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018, 493, 94-106.	1.2	91
144	Dispersive optical solitons and modulation instability analysis of Schrödinger-Hirota equation with spatio-temporal dispersion and Kerr law nonlinearity. <i>Superlattices and Microstructures</i> , 2018, 113, 319-327.	1.4	37

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145	Two-strain epidemic model involving fractional derivative with Mittag-Leffler kernel. <i>Chaos</i> , 2018, 28, 123121.	1.0	99
146	Optical Solitons and Stability Analysis in Ring-Cavity Fiber System with Carbon Nanotube as Saturable Absorber. <i>Communications in Theoretical Physics</i> , 2018, 70, 511.	1.1	11
147	Efficiency of the new fractional derivative with nonsingular Mittag-Leffler kernel to some nonlinear partial differential equations. <i>Chaos, Solitons and Fractals</i> , 2018, 116, 220-226.	2.5	31
148	Optimal system, nonlinear self-adjointness and conservation laws for generalized shallow water wave equation. <i>Open Physics</i> , 2018, 16, 364-370.	0.8	21
149	A fractional model of vertical transmission and cure of vector-borne diseases pertaining to the Atangana-Baleanu fractional derivatives. <i>Chaos, Solitons and Fractals</i> , 2018, 116, 268-277.	2.5	50
150	On multi-fusion solitons induced by inelastic collision for quasi-periodic propagation with nonlinear refractive index and stability analysis. <i>Modern Physics Letters B</i> , 2018, 32, 1850353.	1.0	32
151	Optical solitary waves and conservation laws to the (2 + 1)-dimensional hyperbolic nonlinear Schrödinger equation. <i>Modern Physics Letters B</i> , 2018, 32, 1850373.	1.0	15
152	Conservation laws, soliton-like and stability analysis for the time fractional dispersive long-wave equation. <i>Advances in Difference Equations</i> , 2018, 2018, .	3.5	22
153	Time fractional third-order variant Boussinesq system: Symmetry analysis, explicit solutions, conservation laws and numerical approximations. <i>European Physical Journal Plus</i> , 2018, 133, 1.	1.2	20
154	Symmetry Analysis, Explicit Solutions, and Conservation Laws of a Sixth-Order Nonlinear Ramani Equation. <i>Symmetry</i> , 2018, 10, 341.	1.1	36
155	Lie symmetry analysis and conservation laws for the time fractional simplified modified Kawahara equation. <i>Open Physics</i> , 2018, 16, 302-310.	0.8	31
156	On the classification of conservation laws and soliton solutions of the long short-wave interaction system. <i>Modern Physics Letters B</i> , 2018, 32, 1850202.	1.0	16
157	Optical Solitary Wave Solutions for the Conformable Perturbed Nonlinear Schrödinger Equation with Power Law Nonlinearity. <i>Journal of Advanced Physics</i> , 2018, 7, 49-57.	0.4	2
158	Solitons and Conservation Laws for the (2+1)-Dimensional Davey-Stewartson Equations with Conformable Derivative. <i>Journal of Advanced Physics</i> , 2018, 7, 167-175.	0.4	3
159	Invariant Subspace and Lie Symmetry Analysis, Exact Solutions and Conservation Laws of a Nonlinear Reaction-Diffusion Murray Equation Arising in Mathematical Biology. <i>Journal of Advanced Physics</i> , 2018, 7, 176-182.	0.4	1
160	Stability Analysis and Conservation Laws via Multiplier Approach for the Perturbed Kaup-Newell Equation. <i>Journal of Advanced Physics</i> , 2018, 7, 451-453.	0.4	4
161	Fractional solitons for the nonlinear Pochhammer-Chree equation with conformable derivative. <i>Journal of Coupled Systems and Multiscale Dynamics</i> , 2018, 6, 158-162.	0.2	7
162	On dark optical solitons of the space-time nonlinear Schrödinger equation with fractional complex transform for Kerr and power law nonlinearities. <i>Journal of Coupled Systems and Multiscale Dynamics</i> , 2018, 6, 114-120.	0.2	10

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163	Dark optical solitons and modulation instability analysis of nonlinear Schrodinger equation with higher order dispersion and cubic-quintic nonlinearity. Journal of Coupled Systems and Multiscale Dynamics, 2018, 6, 217-227.	0.2	4
164	An analysis of analytic and approximate solutions of the nonlinear foam-drainage equation and its applications. Journal of Coupled Systems and Multiscale Dynamics, 2018, 6, 176-183.	0.2	1
165	Optical solitons and modulation instability analysis to the quadratic-cubic nonlinear Schrödinger equation. Nonlinear Analysis: Modelling and Control, 2018, 24, 20-33.	1.1	5
166	Optical Solitons for Complex Ginzburg-Landau Model with Beta Derivative in Nonlinear Optics. Journal of Advanced Physics, 2018, 7, 224-229.	0.4	1
167	Single and combined soliton solutions to a system of coupled nonlinear Schrödinger type equations by using two analytical approaches. Journal of Coupled Systems and Multiscale Dynamics, 2018, 6, 128-135.	0.2	0
168	Invariant Investigation and Exact Solutions of Some Differential Equations with Conformable Derivatives. Journal of Advanced Physics, 2018, 7, 336-341.	0.4	0
169	Soliton solutions and conservation laws for lossy nonlinear transmission line equation. Superlattices and Microstructures, 2017, 107, 320-336.	1.4	117
170	Traveling wave solutions and conservation laws of some fifth-order nonlinear equations. European Physical Journal Plus, 2017, 132, 1.	1.2	34
171	Solitons and conservation laws to the resonance nonlinear Schrödinger's equation with both spatio-temporal and inter-modal dispersions. Optik, 2017, 142, 509-522.	1.4	52
172	Dark optical, singular solitons and conservation laws to the nonlinear Schrödinger's equation with spatio-temporal dispersion. Modern Physics Letters B, 2017, 31, 1750163.	1.0	45
173	New solitary wave solutions and conservation laws to the Kudryashov's Sine-Gordon equation. Optik, 2017, 142, 665-673.	1.4	51
174	Dynamics of solitons to the ill-posed Boussinesq equation. European Physical Journal Plus, 2017, 132, 1.	1.2	60
175	Optical and other solitons for the fourth-order dispersive nonlinear Schrödinger equation with dual-power law nonlinearity. Superlattices and Microstructures, 2017, 105, 183-197.	1.4	90
176	Optical solitons and modulation instability analysis of an integrable model of (2+1)-Dimensional Heisenberg ferromagnetic spin chain equation. Superlattices and Microstructures, 2017, 112, 628-638.	1.4	60
177	Optical solitons and modulation instability analysis with (3 + 1)-dimensional nonlinear Schrödinger equation. Superlattices and Microstructures, 2017, 112, 296-302.	1.4	21
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