

Asif YokuÅ

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3094781/publications.pdf>

Version: 2024-02-01

57
papers

1,400
citations

331670

21
h-index

377865

34
g-index

57
all docs

57
docs citations

57
times ranked

485
citing authors

#	ARTICLE	IF	CITATIONS
1	A non-linear analysis and fractionalized dynamics of Langmuir waves and ion sound as an application to acoustic waves. <i>International Journal of Modelling and Simulation</i> , 2023, 43, 235-241.	3.3	2
2	Discussions on diffraction and the dispersion for traveling wave solutions of the (2+1)-dimensional paraxial wave equation. <i>Mathematical Sciences</i> , 2022, 16, 269-279.	1.7	13
3	Ample felicitous wave structures for fractional foam drainage equation modeling for fluid-flow mechanism. <i>Computational and Applied Mathematics</i> , 2022, 41, 1.	2.2	23
4	Stability analysis and solutions of (2+1)-Kadomtsev-Petviashvili equation by homoclinic technique based on Hirota bilinear form. <i>Nonlinear Dynamics</i> , 2022, 109, 3029-3040.	5.2	22
5	Investigation of internal dynamics of soliton with the help of traveling wave soliton solution of Hamilton amplitude equation. <i>Optical and Quantum Electronics</i> , 2022, 54, .	3.3	13
6	Analytic approximate solutions of diffusion equations arising in oil pollution. <i>Journal of Ocean Engineering and Science</i> , 2021, 6, 62-69.	4.3	39
7	Novel comparison of numerical and analytical methods for fractional Burger-Fisher equation. <i>Discrete and Continuous Dynamical Systems - Series S</i> , 2021, 14, 2591.	1.1	29
8	On the exact and numerical complex travelling wave solution to the nonlinear Schrödinger equation. <i>Journal of Difference Equations and Applications</i> , 2021, 27, 195-206.	1.1	6
9	Numerical comparison of Caputo and Conformable derivatives of time fractional Burgers-Fisher equation. <i>Results in Physics</i> , 2021, 25, 104247.	4.1	13
10	Exact solutions of the Benney-Luke equation via (1/G')-expansion method. <i>Bilecik Şeyh Edebali Üniversitesi Fen Bilimleri Dergisi</i> , 2021, 8, 56-64.	0.6	2
11	Applications of fractional calculus in equiaffine geometry: plane curves with fractional order. <i>Mathematical Methods in the Applied Sciences</i> , 2021, 44, 13659-13669.	2.3	8
12	Simulation and refraction event of complex hyperbolic type solitary wave in plasma and optical fiber for the perturbed Chen-Lee-Liu equation. <i>Optical and Quantum Electronics</i> , 2021, 53, 1.	3.3	17
13	Refraction simulation of internal solitary waves for the fractional Benjamin-Ono equation in fluid dynamics. <i>Modern Physics Letters B</i> , 2021, 35, 2150363.	1.9	17
14	Surface wave behavior and refraction simulation on the ocean for the fractional Ostrovsky-Benjamin-Bona-Mahony equation. <i>Modern Physics Letters B</i> , 2021, 35, .	1.9	17
15	On the peakon solutions of some stochastic nonlinear evolution equations. <i>Optical and Quantum Electronics</i> , 2021, 53, 1.	3.3	3
16	Simulation of bright-dark soliton solutions of the Lonngren wave equation arising the model of transmission lines. <i>Modern Physics Letters B</i> , 2021, 35, .	1.9	7
17	Exact solutions of (2 + 1)-Ablowitz-Kaup-Newell-Segur equation. <i>Applied Mathematics and Nonlinear Sciences</i> , 2021, 6, 381-386.	1.6	18
18	Computational and traveling wave analysis of Tzitzica and Dodd-Bullough-Mikhailov equations: An exact and analytical study. <i>Nonlinear Engineering</i> , 2021, 10, 272-281.	2.7	9

#	ARTICLE	IF	CITATIONS
37	Regarding the numerical solutions of the Sharma-Tasso-Olver equation. ITM Web of Conferences, 2018, 22, 01036.	0.5	14
38	Comparison of Caputo and conformable derivatives for time-fractional Kortewegâ€“de Vries equation via the finite difference method. International Journal of Modern Physics B, 2018, 32, 1850365.	2.0	58
39	On the exact and numerical solutions to a nonlinear model arising in mathematical biology. ITM Web of Conferences, 2018, 22, 01061.	0.5	13
40	Numerical simulation of KdV equation by finite difference method. Indian Journal of Physics, 2018, 92, 1571-1575.	1.8	17
41	Solutions of the fractional combined KdVâ€“mKdV equation with collocation method using radial basis function and their geometrical obstructions. Advances in Difference Equations, 2018, 2018, .	3.5	20
42	On the numerical investigations to the Cahn-Allen equation by using finite difference method. International Journal of Optimization and Control: Theories and Applications, 2018, 9, 18-23.	1.7	21
43	Numerical solutions of the fractional KdV-Burgers-Kuramoto equation. Thermal Science, 2018, 22, 153-158.	1.1	8
44	Numerical Solutions of Time Fractional Korteweg–de Vries Equation and Its Stability Analysis. Communications Faculty of Science University of Ankara Series A1Mathematics and Statistics, 2018, 68, 353-361.	0.5	13
45	An application of a new version of (Gâ€²/C)-expansion method. AIP Conference Proceedings, 2017, , .	0.4	11
46	Numerical and exact solutions for time fractional Burgers' equation. Journal of Nonlinear Science and Applications, 2017, 10, 3419-3428.	1.0	53
47	Numerical solutions of Fisherâ€™s equation with collocation method. AIP Conference Proceedings, 2015, , .	0.4	2
48	Conservation laws and a new expansion method for sixth order Boussinesq equation. AIP Conference Proceedings, 2015, , .	0.4	12
49	A decomposition method for finding solitary and periodic solutions for a coupled higher-dimensional Burgers equations. Applied Mathematics and Computation, 2005, 164, 857-864.	2.2	29
50	A numerical comparison of partial solutions in the decomposition method for linear and nonlinear partial differential equations. Mathematics and Computers in Simulation, 2002, 60, 507-512.	4.4	78
51	Solitary Wave Solutions of the Generalized (3+1)-Dimensional Shallow Water-Like Equation by using modified Kudryashov method. AdÄ±yaman University Journal of Science, 0, , .	0.0	0
52	HYPERBOLIC TYPE SOLUTIONS FOR THE COUPLE BOITI-LEON-PEMPINELLI SYSTEM. Facta Universitatis Series Mathematics and Informatics, 0, , 523.	0.1	39
53	Kolmogorov â€“ Petrovskii â€“ Piskunov denkleminin analitik ÅŒÅŒ¼mlieri. BalÄ±kesir Åœniversitesi Fen Bilimleri EnstitÅ¼sÅ¼¼ Dergisi, 0, , 628-636.	0.3	17
54	Traveling Wave Solution of Vakhnenko-Parkes Equation. Erzincan Åœniversitesi Fen Bilimleri EnstitÅ¼sÅ¼¼ Dergisi, 0, , .	0.2	3

#	ARTICLE	IF	CITATIONS
55	(1/G')-Expansion Method for Exact Solutions of (3+1)-Dimensional Jimbo-Miwa Equation. Journal of the Institute of Science and Technology, 0, , 2907-2914.	0.9	1
56	Solitary Wave Solutions of the (3+1)-dimensional Khokhlovâ€Zabolotskayaâ€Kuznetsov Equation by using the (G'/G,1/G)-Expansion Method. AdÅyaman University Journal of Science, 0, , .	0.0	0
57	Truncation and convergence dynamics: KdV Burgers model in the sense of Caputo derivative. Boletim Da Sociedade Paranaense De Matematica, 0, 40, 1-7.	0.4	4