## Asif YokuÅž

## List of Publications by Year in descending order

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		331670	377865
57	1,400 citations	21	34
papers	citations	h-index	34 g-index
57	57	57	485
all docs	docs citations	times ranked	citing authors

#	Article	IF	CITATIONS
1	Numerical simulation and solutions of the twoâ€component second order KdV evolutionarysystem. Numerical Methods for Partial Differential Equations, 2018, 34, 211-227.	3.6	116
2	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
3	On the exact and numerical solutions to the coupled Boussinesq equation arising in ocean engineering. Indian Journal of Physics, 2019, 93, 647-656.	1.8	73
4	Construction of exact traveling wave solutions of the Bogoyavlenskii equation by <mml:math altimg="si7.svg" xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mo stretchy="false">(</mml:mo><mml:msup><mml:mrow><mml:mi>G</mml:mi></mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mro< td=""><td>:møka£n€² &lt;</td><td>/m<b>ral:</b>mo&gt;</td></mml:mro<></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:msup></mml:mrow></mml:math>	:møka£n€² <	/m <b>ral:</b> mo>
5	xmlns:mml="http://www.w3 Results in Physics, 2020, 19, 103409.  Analytical and numerical approaches to nerve impulse model of fractionalâ€order. Numerical Methods for Partial Differential Equations, 2020, 36, 1348-1368.	3.6	59
6	Comparison of Caputo and conformable derivatives for time-fractional Korteweg–de Vries equation via the finite difference method. International Journal of Modern Physics B, 2018, 32, 1850365.	2.0	58
7	Construction of Different Types Analytic Solutions for the Zhiber-Shabat Equation. Mathematics, 2020, 8, 908.	2.2	54
8	Analytical solutions for the (3i¼∢1)-dimensional nonlinear extended quantum Zakharov–Kuznetsov equation in plasma physics. Physica A: Statistical Mechanics and Its Applications, 2020, 548, 124327.	2.6	54
9	Numerical and exact solutions for time fractional Burgers' equation. Journal of Nonlinear Science and Applications, 2017, 10, 3419-3428.	1.0	53
10	Role of Gilson–Pickering equation for the different types of soliton solutions: a nonlinear analysis. European Physical Journal Plus, 2020, 135, 1.	2.6	45
11	On the analytical and numerical solutions of the Benjamin–Bona–Mahony equation. Optical and Quantum Electronics, 2018, 50, 1.	3.3	43
12	Analytic approximate solutions of diffusion equations arising in oil pollution. Journal of Ocean Engineering and Science, 2021, 6, 62-69.	4.3	39
13	HYPERBOLIC TYPE SOLUTIONS FOR THE COUPLE BOITI-LEON-PEMPINELLI SYSTEM. Facta Universitatis Series Mathematics and Informatics, 0, , 523.	0.1	39
14	Propagation of dispersive wave solutions for (3 + 1)-dimensional nonlinear modified Zakharov–Kuznetsov equation in plasma physics. International Journal of Modern Physics B, 2020, 34, 2050227.	2.0	34
15	Investigation of solitary wave solutions for the (3 + 1)-dimensional Zakharov–Kuznetsov equation. International Journal of Modern Physics B, 2019, 33, 1950350.	2.0	31
16	Comparison of Exact and Numerical Solutions for the Sharma–Tasso–Olver Equation. Advances in Dynamics, Patterns, Cognition, 2020, , 53-65.	0.3	31
17	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
18	Novel comparison of numerical and analytical methods for fractional Burger–Fisher equation. Discrete and Continuous Dynamical Systems - Series S, 2021, 14, 2591.	1.1	29

#	Article	IF	Citations
19	Numerical solution for space and time fractional order Burger type equation. AEJ - Alexandria Engineering Journal, 2018, 57, 2085-2091.	6.4	27
20	Comparison exact and numerical simulation of the traveling wave solution in nonlinear dynamics. International Journal of Modern Physics B, 2020, 34, 2050282.	2.0	25
21	Ample felicitous wave structures for fractional foam drainage equation modeling for fluid-flow mechanism. Computational and Applied Mathematics, 2022, 41, 1.	2.2	23
22	Stability Analysis, Numerical and Exact Solutions of the (1+1)-Dimensional NDMBBM Equation. ITM Web of Conferences, 2018, 22, 01064.	0.5	22
23	On the exact and numerical solutions to the FitzHugh–Nagumo equation. International Journal of Modern Physics B, 2020, 34, 2050149.	2.0	22
24	Stability analysis and solutions of (2Â+Â1)-Kadomtsev–Petviashvili equation by homoclinic technique based on Hirota bilinear form. Nonlinear Dynamics, 2022, 109, 3029-3040.	5.2	22
25	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
26	Solutions of the fractional combined KdV–mKdV equation with collocation method using radial basis function and their geometrical obstructions. Advances in Difference Equations, 2018, 2018, .	3.5	20
27	Complex hyperbolic traveling wave solutions of Kuramoto-Sivashinsky equation using (1/G') expansion method for nonlinear dynamic theory. Balıkesir Üniversitesi Fen Bilimleri Enstitüsü Dergisi, 2019, 21, 590-599.	0.3	20
28	Exact solutions of $(2 + 1)$ -Ablowitz-Kaup-Newell-Segur equation. Applied Mathematics and Nonlinear Sciences, 2021, 6, 381-386.	1.6	18
29	Numerical simulation of KdV equation by finite difference method. Indian Journal of Physics, 2018, 92, 1571-1575.	1.8	17
30	Simulation and refraction event of complex hyperbolic type solitary wave in plasma and optical fiber for the perturbed Chen-Lee-Liu equation. Optical and Quantum Electronics, 2021, 53, 1.	3.3	17
31	Refraction simulation of internal solitary waves for the fractional Benjamin–Ono equation in fluid dynamics. Modern Physics Letters B, 2021, 35, 2150363.	1.9	17
32	Surface wave behavior and refraction simulation on the ocean for the fractional Ostrovsky–Benjamin–Bona–Mahony equation. Modern Physics Letters B, 2021, 35, .	1.9	17
33	Kolmogorov – Petrovskii – Piskunov denkleminin analitik çözümleri. Balıkesir Üniversitesi Fen Bilimleri Enstitüsü Dergisi, 0, , 628-636.	0.3	17
34	Regarding the numerical solutions of the Sharma-Tasso-Olver equation. ITM Web of Conferences, 2018, 22, 01036.	0.5	14
35	On the exact and numerical solutions to a nonlinear model arising in mathematical biology. ITM Web of Conferences, 2018, 22, 01061.	0.5	13
36	Numerical comparison of Caputo and Conformable derivatives of time fractional Burgers-Fisher equation. Results in Physics, 2021, 25, 104247.	4.1	13

#	Article	IF	CITATIONS
37	Discussions on diffraction and the dispersion for traveling wave solutions of the (2+1)-dimensional paraxial wave equation. Mathematical Sciences, 2022, 16, 269-279.	1.7	13
38	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
39	Investigation of internal dynamics of soliton with the help of traveling wave soliton solution of Hamilton amplitude equation. Optical and Quantum Electronics, 2022, 54, .	3.3	13
40	Conservation laws and a new expansion method for sixth order Boussinesq equation. AIP Conference Proceedings, $2015, \ldots$	0.4	12
41	An application of a new version of (Gâ $\in$ 2/G)-expansion method. AIP Conference Proceedings, 2017, , .	0.4	11
42	Computational and traveling wave analysis of Tzitz $\tilde{A}$ ©ica and Dodd-Bullough-Mikhailov equations: An exact and analytical study. Nonlinear Engineering, 2021, 10, 272-281.	2.7	9
43	Applications of fractional calculus in equiaffine geometry: plane curves with fractional order. Mathematical Methods in the Applied Sciences, 2021, 44, 13659-13669.	2.3	8
44	Numerical solutions of the fractional KdV-Burgers-Kuramoto equation. Thermal Science, 2018, 22, 153-158.	1.1	8
45	Düzenli Uzun Dalga Denkleminin Hiperbolik Tip Yürüyen Dalga Çözümleri. Bilecik Şeyh Edebali Üniversitesi Fen Bilimleri Dergisi, 2020, 7, 815-824.	0.6	8
46	Simulation of bright–dark soliton solutions of the Lonngren wave equation arising the model of transmission lines. Modern Physics Letters B, 2021, 35, .	1.9	7
47	On the exact and numerical complex travelling wave solution to the nonlinear SchrĶdinger equation. Journal of Difference Equations and Applications, 2021, 27, 195-206.	1.1	6
48	Role of shallow water waves generated by modified Camassa-Holm equation: A comparative analysis for traveling wave solutions. Nonlinear Engineering, 2021, 10, 385-394.	2.7	4
49	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
50	On the peakon solutions of some stochastic nonlinear evolution equations. Optical and Quantum Electronics, 2021, 53, 1.	3.3	3
51	Traveling Wave Solution of Vakhnenko-Parkes Equation. Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, 0, , .	0.2	3
52	Numerical solutions of Fisher's equation with collocation method. AIP Conference Proceedings, 2015, , .	0.4	2
53	Exact solutions of the Benney–Luke equation via (1/G')-expansion method. Bilecik Şeyh Edebali Üniversitesi Fen Bilimleri Dergisi, 2021, 8, 56-64.	0.6	2
54	A non-linear analysis and fractionalized dynamics of Langmuir waves and ion sound as an application to acoustic waves. International Journal of Modelling and Simulation, 2023, 43, 235-241.	3.3	2

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#	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 Generalized (3+1)-Dimensional Shallow Water-Like Equation by using modified Kudryashov method. Ad $\ddot{a}$	0.0	0
57	Solitary Wave Solutions of the (3+1)-dimensional Khokhlov–Zabolotskaya–Kuznetsov Equation by using the (G'/G,1/G)-Expansion Method. Adıyaman University Journal of Science, 0, , .	0.0	0