Yeşim Sağlam Özkan

List of Publications by Year
in descending order

46 papers	920 citations	623734 14 h-index	454955 30 g-index
46 all docs	46 docs citations	46 times ranked	383 citing authors

#	Article	IF	Citations
1	Optical soliton solutions to Fokas-lenells equation using some different methods. Optik, 2018, 173, 21-31.	2.9	132
2	A third-order nonlinear Schrödinger equation: the exact solutions, group-invariant solutions and conservation laws. Journal of Taibah University for Science, 2020, 14, 585-597.	2.5	116
3	On the multi-waves, interaction and Peregrine-like rational solutions of perturbed Radhakrishnan–Kundu–Lakshmanan equation. Physica Scripta, 2020, 95, 085205.	2.5	90
4	A model of solitary waves in a nonlinear elastic circular rod: Abundant different type exact solutions and conservation laws. Chaos, Solitons and Fractals, 2021, 143, 110486.	5.1	84
5	Multi-wave, breather and interaction solutions to (3+1) dimensional Vakhnenko–Parkes equation arising at propagation of high-frequency waves in a relaxing medium. Journal of Taibah University for Science, 2021, 15, 666-678.	2.5	57
6	Optical soliton perturbation with Gerdjikov–Ivanov equation by modified simple equation method. Optik, 2018, 157, 1235-1240.	2.9	52
7	Solitons for perturbed Gerdjikov–Ivanov equation in optical fibers and PCF by extended Kudryashov's method. Optical and Quantum Electronics, 2018, 50, 1.	3.3	48
8	A multiple exp-function method for the three model equations of shallow water waves. Nonlinear Dynamics, 2017, 89, 2291-2297.	5.2	30
9	The G $'^2$ / G , 1 / G $\boldsymbol{\left (G^{\prime }/G,1/G\right)}$ -expansion method for solving nonlinear space–time fractional differential equations. Pramana - Journal of Physics, 2016, 87, 1.	1.8	25
10	Complexiton solutions and soliton solutions: $(2+1)$ (2 + 1) -dimensional Date–Jimbo–Kashiwara–Miwa equation. Pramana - Journal of Physics, 2019, 92, 1.	1.8	24
11	Nonlinear self adjointness, conservation laws and exact solutions of ill-posed Boussinesq equation. Open Physics, 2016, 14, 37-43.	1.7	20
12	On the optical solitons and local conservation laws of Chen–Lee–Liu dynamical wave equation. Optik, 2021, 227, 165392.	2.9	18
13	Variational principles and conservation laws to the Burridge–Knopoff equation. Nonlinear Dynamics, 2008, 54, 307-312.	5.2	16
14	On the exact solutions, lie symmetry analysis, and conservation laws of Schamel–Korteweg–de Vries equation. Mathematical Methods in the Applied Sciences, 2017, 40, 3927-3936.	2.3	16
15	Invariant solutions and conservation laws to nonconservative FP equation. Computers and Mathematics With Applications, 2010, 59, 3203-3210.	2.7	15
16	An extended Korteweg–de Vries equation: multi-soliton solutions and conservation laws. Nonlinear Dynamics, 2017, 90, 1571-1579.	5.2	14
17	Extended Transformed Rational Function Method to Nonlinear Evolution Equations. International Journal of Nonlinear Sciences and Numerical Simulation, 2019, 20, 691-701.	1.0	13
18	On the exact solutions of nonlinear evolution equations by the improved $$an (varphi) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 Td (/2)$	1.8	13

#	Article	IF	Citations
19	Optical soliton solutions to a (2+1) dimensional SchrÃ¶dinger equation using a couple of integration architectures. Applied Mathematics and Nonlinear Sciences, 2021, 6, 381-396.	1.6	13
20	Highly dispersive optical soliton molecules to dual-mode nonlinear SchrÃ¶dinger wave equation in cubic law media. Optical and Quantum Electronics, 2022, 54, 1.	3.3	13
21	Manakov model of coupled NLS equationÂand its optical soliton solutions. Journal of Ocean Engineering and Science, 2022, , .	4.3	11
22	Integrating Factors and First Integrals for LiÃ©nard Type and Frequency-Damped Oscillators. Mathematical Problems in Engineering, 2011, 2011, 1-10.	1.1	10
23	Soliton solutions to the non-local Boussinesq equation by multiple exp-function scheme and extended Kudryashovâ€™s approach. Pramana - Journal of Physics, 2019, 92, 1.	1.8	9
24	Multiwave and interaction solutions and Lie symmetry analysis to a new (2Â+Â1)-dimensional Sakovich equation. AEJ - Alexandria Engineering Journal, 2020, 59, 5285-5293.	6.4	9
25	<i>Î»</i>â€‘symmetries, nonlocal transformations and first integrals to a class of PainlevÃ©â€“Gambier equations. Mathematical Methods in the Applied Sciences, 2012, 35, 684-692.	2.3	8
26	Conservation Laws and Soliton Solutions of the (1+1)-Dimensional Modified Improved Boussinesq Equation. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2015, 70, 669-672.	1.5	8
27	On the exact and numerical solutions to a new (2 + 1)-dimensional Korteweg-de Vries equation with conformable derivative. Nonlinear Engineering, 2021, 10, 46-65.	2.7	8
28	Pure cubic optical solitons with improved $$\tan(\varphi /2)$$-expansion method. Optical and Quantum Electronics, 2021, 53, 1.	3.3	8
29	Breather-type and multi-wave solutions for<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si11.svg"><mml:mrow><mml:mo>(</mml:mo><mml:mn>2</mml:mn><mml:mo>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf nonlocal Gardner equation. Applied Mathematics and Computation, 2021, 390, 125663.		
30	On the Lie symmetry analysis, analytic series solutions, and conservation laws of the time fractional Belousovâ€“Zhabotinskii system. Nonlinear Dynamics, 2022, 109, 2997-3008.	5.2	7
31	The generalized exponential rational function and Elzakiâ€“Adomian decomposition method for the Heisenberg ferromagnetic spin chain equation. Modern Physics Letters B, 2021, 35, 2150200.	1.9	5
32	On the exact solutions to Biswasâ€“Arshed equation involving truncated M-fractional space-time derivative terms. Optik, 2021, 227, 166109.	2.9	4
33	First integrals and analytical solutions of the nonlinear fin problem with temperature-dependent thermal conductivity and heat transfer coefficient. Pramana - Journal of Physics, 2016, 87, 1.	1.8	3
34	The Logarithmic (1+1)$\boldsymbol{(1+1)}$-Dimensional KdV-Like and (2+1)$\boldsymbol{(2+1)}$-Dimensional KP-Like Equations: Lie Group Analysis, Conservation Laws and Double Reductions. International Journal of Nonlinear Sciences and Numerical Simulation, 2019, 20, 747-755.	1.0	3
35	Optical soliton solutions to eight order nonlinear SchrÃ¶dinger equation using some different methods. Optical and Quantum Electronics, 2021, 53, 1.	3.3	3
36	On the Conservation Laws and Exact Solutions of a Modified Hunter-Saxton Equation. Advances in Mathematical Physics, 2014, 2014, 1-6.	0.8	2

#	Article	IF	Citations
37	A procedure on the first integrals of second-order nonlinear ordinary differential equations. European Physical Journal Plus, 2015, 130, 1.	2.6	2
38	On Salagean type pseudo-starlike functions. Acta Et Commentationes Universitatis Tartuensis De Mathematica, 2017, 21, 275-285.	0.1	2
39	The Cauchyâ€"Kowalewski Theorem in the Space of Pseudo Q-holomorphic Functions. Complex Analysis and Operator Theory, 2016, 10, 953-963.	0.6	1
40	Structures of exact solutions for the modified nonlinear SchrÃ¶dinger equation in the sense of conformable fractional derivative. Mathematical Sciences, 2023, 17, 203-218.	1.7	1
41	On the conservation laws and traveling wave solutions to the BBM equation. Journal of Interdisciplinary Mathematics, 2010, 13, 77-86.	0.7	0
42	Advances in Lie Groups and Applications in Applied Sciences. Abstract and Applied Analysis, 2013, 2013, 1-2.	0.7	0
43	Integral representation for solutions of the pseudoparabolic equation in matrix form. Turkish Journal of Mathematics, 2018, 42, 1655-1669.	0.7	0
44	Some properties of starlike functions subordinate to k-Pellâ€"Lucas numbers. Boletin De La Sociedad Matematica Mexicana, 2021, 27, 1.	0.7	0
45	On the Approximation to Complex Matrix-valued Functions by Using Solutions of Partial Complex Differential Equation in Matrix Form. Journal of Natural and Applied Sciences, 2018, 22, 1169-1174.	0.4	0
46	Propagation of dark-bright soliton and kink wave solutions of fluidized granular matter model arising in industrial applications. International Journal of Nonlinear Sciences and Numerical Simulation, 2021, .	1.0	0