

# YeÅim SaÄlam Ã-zkan

## List of Publications by Year in descending order

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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	Structures of exact solutions for the modified nonlinear Schrödinger equation in the sense of conformable fractional derivative. <i>Mathematical Sciences</i> , 2023, 17, 203-218.	1.7	1
2	Manakov model of coupled NLS equation and its optical soliton solutions. <i>Journal of Ocean Engineering and Science</i> , 2022, . .	4.3	11
3	Highly dispersive optical soliton molecules to dual-mode nonlinear Schrödinger wave equation in cubic law media. <i>Optical and Quantum Electronics</i> , 2022, 54, 1.	3.3	13
4	On the Lie symmetry analysis, analytic series solutions, and conservation laws of the time fractional Belousovâ€Zhabotinskii system. <i>Nonlinear Dynamics</i> , 2022, 109, 2997-3008.	5.2	7
5	On the optical solitons and local conservation laws of Chenâ€Leeâ€Liu dynamical wave equation. <i>Optik</i> , 2021, 227, 165392.	2.9	18
6	Breather-type and multi-wave solutions for $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si11.svg" \rangle \langle \text{mml:mrow} \langle \text{mml:mo} \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle \text{Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 537 Td} \rangle \rangle \rangle$ nonlocal Gardner equation. <i>Applied Mathematics and Computation</i> , 2021, 390, 125663.		
7	On the exact solutions to Biswasâ€Arshed equation involving truncated M-fractional space-time derivative terms. <i>Optik</i> , 2021, 227, 166109.	2.9	4
8	On the exact and numerical solutions to a new (2 + 1)-dimensional Korteweg-de Vries equation with conformable derivative. <i>Nonlinear Engineering</i> , 2021, 10, 46-65.	2.7	8
9	The generalized exponential rational function and Elzakiâ€Adomian decomposition method for the Heisenberg ferromagnetic spin chain equation. <i>Modern Physics Letters B</i> , 2021, 35, 2150200.	1.9	5
10	A model of solitary waves in a nonlinear elastic circular rod: Abundant different type exact solutions and conservation laws. <i>Chaos, Solitons and Fractals</i> , 2021, 143, 110486.	5.1	84
11	Optical soliton solutions to eight order nonlinear Schrödinger equation using some different methods. <i>Optical and Quantum Electronics</i> , 2021, 53, 1.	3.3	3
12	Some properties of starlike functions subordinate to k-Pellâ€Lucas numbers. <i>Boletin De La Sociedad Matematica Mexicana</i> , 2021, 27, 1.	0.7	0
13	Pure cubic optical solitons with improved $\text{\$}\tan(\varphi/2)\text{\$}$ -expansion method. <i>Optical and Quantum Electronics</i> , 2021, 53, 1.	3.3	8
14	Optical soliton solutions to a (2+1) dimensional Schrödinger equation using a couple of integration architectures. <i>Applied Mathematics and Nonlinear Sciences</i> , 2021, 6, 381-396.	1.6	13
15	Multi-wave, breather and interaction solutions to (3+1) dimensional Vakhnenkoâ€Parkes equation arising at propagation of high-frequency waves in a relaxing medium. <i>Journal of Taibah University for Science</i> , 2021, 15, 666-678.	2.5	57
16	Propagation of dark-bright soliton and kink wave solutions of fluidized granular matter model arising in industrial applications. <i>International Journal of Nonlinear Sciences and Numerical Simulation</i> , 2021, .	1.0	0
17	Multiwave and interaction solutions and Lie symmetry analysis to a new (2Ä+Ä1)-dimensional Sakovich equation. <i>AEJ - Alexandria Engineering Journal</i> , 2020, 59, 5285-5293.	6.4	9
18	A third-order nonlinear Schrödinger equation: the exact solutions, group-invariant solutions and conservation laws. <i>Journal of Taibah University for Science</i> , 2020, 14, 585-597.	2.5	116

#	ARTICLE	IF	CITATIONS
19	On the multi-waves, interaction and Peregrine-like rational solutions of perturbed Radhakrishnanâ€™Kunduâ€™Lakshmanan equation. <i>Physica Scripta</i> , 2020, 95, 085205.	2.5	90
20	On the exact solutions of nonlinear evolution equations by the improved $\phi$ -expansion method. <i>Optik</i> , 2019, 190, 177022.	1.8	13
21	Extended Transformed Rational Function Method to Nonlinear Evolution Equations. <i>International Journal of Nonlinear Sciences and Numerical Simulation</i> , 2019, 20, 691-701.	1.0	13
22	The Logarithmic $(1+1)$ -Dimensional KdV-Like and $(2+1)$ -Dimensional KP-Like Equations: Lie Group Analysis, Conservation Laws and Double Reductions. <i>International Journal of Nonlinear Sciences and Numerical Simulation</i> , 2019, 20, 747-755.	1.0	3
23	Complexiton solutions and soliton solutions: $(2+1)$ -dimensional Jimboâ€™Kashiwaraâ€™Miwa equation. <i>Pramana - Journal of Physics</i> , 2019, 92, 1.	1.8	24
24	Soliton solutions to the non-local Boussinesq equation by multiple exp-function scheme and extended Kudryashovâ€™s approach. <i>Pramana - Journal of Physics</i> , 2019, 92, 1.	1.8	9
25	Solitons for perturbed Gerdjikovâ€™Ivanov equation in optical fibers and PCF by extended Kudryashovâ€™s method. <i>Optical and Quantum Electronics</i> , 2018, 50, 1.	3.3	48
26	Optical soliton perturbation with Gerdjikovâ€™Ivanov equation by modified simple equation method. <i>Optik</i> , 2018, 157, 1235-1240.	2.9	52
27	Integral representation for solutions of the pseudoparabolic equation in matrix form. <i>Turkish Journal of Mathematics</i> , 2018, 42, 1655-1669.	0.7	0
28	Optical soliton solutions to Fokas-lenells equation using some different methods. <i>Optik</i> , 2018, 173, 21-31.	2.9	132
29	On the Approximation to Complex Matrix-valued Functions by Using Solutions of Partial Complex Differential Equation in Matrix Form. <i>Journal of Natural and Applied Sciences</i> , 2018, 22, 1169-1174.	0.4	0
30	On the exact solutions, lie symmetry analysis, and conservation laws of Schamelâ€™Kortewegâ€™de Vries equation. <i>Mathematical Methods in the Applied Sciences</i> , 2017, 40, 3927-3936.	2.3	16
31	An extended Kortewegâ€™de Vries equation: multi-soliton solutions and conservation laws. <i>Nonlinear Dynamics</i> , 2017, 90, 1571-1579.	5.2	14
32	A multiple exp-function method for the three model equations of shallow water waves. <i>Nonlinear Dynamics</i> , 2017, 89, 2291-2297.	5.2	30
33	On Salagean type pseudo-starlike functions. <i>Acta Et Commentationes Universitatis Tartuensis De Mathematica</i> , 2017, 21, 275-285.	0.1	2
34	The $G^2 / G, 1 / G$ -expansion method for solving nonlinear space-time fractional differential equations. <i>Pramana - Journal of Physics</i> , 2016, 87, 1.	1.8	25
35	First integrals and analytical solutions of the nonlinear fin problem with temperature-dependent thermal conductivity and heat transfer coefficient. <i>Pramana - Journal of Physics</i> , 2016, 87, 1.	1.8	3
36	Nonlinear self adjointness, conservation laws and exact solutions of ill-posed Boussinesq equation. <i>Open Physics</i> , 2016, 14, 37-43.	1.7	20

#	ARTICLE	IF	CITATIONS
37	The Cauchyâ€Kowalewski Theorem in the Space of Pseudo Q-holomorphic Functions. Complex Analysis and Operator Theory, 2016, 10, 953-963.	0.6	1
38	A procedure on the first integrals of second-order nonlinear ordinary differential equations. European Physical Journal Plus, 2015, 130, 1.	2.6	2
39	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
40	On the Conservation Laws and Exact Solutions of a Modified Hunter-Saxton Equation. Advances in Mathematical Physics, 2014, 2014, 1-6.	0.8	2
41	Advances in Lie Groups and Applications in Applied Sciences. Abstract and Applied Analysis, 2013, 2013, 1-2.	0.7	0
42	<i>l</i> 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
43	Integrating Factors and First Integrals for LiÃ©nard Type and Frequency-Damped Oscillators. Mathematical Problems in Engineering, 2011, 2011, 1-10.	1.1	10
44	Invariant solutions and conservation laws to nonconservative FP equation. Computers and Mathematics With Applications, 2010, 59, 3203-3210.	2.7	15
45	On the conservation laws and traveling wave solutions to the BBM equation. Journal of Interdisciplinary Mathematics, 2010, 13, 77-86.	0.7	0
46	Variational principles and conservation laws to the Burridgeâ€Knopoff equation. Nonlinear Dynamics, 2008, 54, 307-312.	5.2	16