Reza Abazari

List of Publications by Year
in descending order

39 papers	768 citations	516710 16 h-index	526287 27 g-index
39 all docs	39 docs citations	39 times ranked	500 citing authors

#	Article	IF	Citations
1	Bright and Singular Optical Solitons in Nonlinear Negative-Index Materials with Quadratic–Cubic Nonlinearity. Arabian Journal for Science and Engineering, 2021, 46, 5977-5991.	3.0	1
2	Lie analysis, conserved quantities and solitonic structures of Calogero-Degasperis-Fokas equation. AEJ - Alexandria Engineering Journal, 2021, 60, 2513-2523.	6.4	13
3	On the conformable nonlinear schrödinger equation with second order spatiotemporal and group velocity dispersion coefficients. Chinese Journal of Physics, 2021, 72, 403-414.	3.9	52
4	New optical solitons of conformable resonant nonlinear Schrödinger's equation. Open Physics, 2020, 18, 761-769.	1.7	27
5	Numerical study of Sivashinsky equation using a splitting scheme based on Crank–Nicolson method. Mathematical Methods in the Applied Sciences, 2019, 42, 5509-5521.	2.3	3
6	Non-Subsampled Shearlet Transform and Log-Transform Methods for Despeckling of Medical Ultrasound Images. Informatica, 2019, 30, 1-19.	2.7	5
7	Non-Subsampled Shearlet Transform and Log-Transform Methods for Despeckling of Medical Ultrasound Images. Informatica, 2019, 30, 1-19.	2.7	0
8	A hybrid denoising algorithm based on shearlet transform method and Yaroslavsky's filter. Multimedia Tools and Applications, 2018, 77, 17829-17851.	3.9	6
9	Fourier Based Discrete Shearlet Transform for Speckle Noise Reduction in Medical Ultrasound Images. Current Medical Imaging, 2018, 14, 477-483.	0.8	3
10	Mathematical modeling of DNA vibrational dynamics and its solitary wave solutions. Revista Mexicana De Física, 2018, 64, 590-597.	0.4	9
11	Solitary wave solutions of three special types of Boussinesq equations. Nonlinear Dynamics, 2017, 88, 2797-2805.	5.2	13
12	Solitary wave solutions of coupled boussinesq equation. Complexity, 2016, 21, 151-155.	1.6	33
13	Exact solitary wave solutions of the complex Klein–Gordon equation. Optik, 2015, 126, 1970-1975.	2.9	24
14	Estimation of Survival Rates in Patients with Lung Cancer in West Azerbaijan, the Northwest of Iran. Asian Pacific Journal of Cancer Prevention, 2015, 16, 3923-3926.	1.2	9
15	Weighted fuzzy transform and its application for approximation of discrete functions by continuous functions. Journal of Intelligent and Fuzzy Systems, 2014, 26, 2437-2444.	1.4	0
16	Shock Waves and Other Solutions to the Benjamin-Bona-Mahoney-Burgers Equation with Dual Power-Law Nonlinearity. Acta Physica Polonica A, 2014, 126, 1221-1225.	0.5	13
17	Application of differential transform method on nonlinear integro-differential equations with proportional delay. Neural Computing and Applications, 2014, 24, 391-397.	5.6	23
18	A modified form of $\left(\frac{G^{\prime}}{G}\right)$ $G'G$-expansion method and its application to Potential Kadomtsev–Petviashvili (PKP) equation. Japan Journal of Industrial and Applied Mathematics, 2014, 31, 125-136.	0.9	1

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19	Solitary-wave solutions of the Klein-Gordon equation with quintic nonlinearity. Journal of Applied Mechanics and Technical Physics, 2013, 54, 397-403.	0.5	23
20	Numerical study of Burgersâ€"Huxley equations via reduced differential transform method. Computational and Applied Mathematics, 2013, 32, 1-17.	1.3	13
21	On the exact solitary wave solutions of a special class of Benjamin-Bona-Mahony equation. Computational Mathematics and Mathematical Physics, 2013, 53, 1371-1376.	0.8	3
22	Numerical Study of Two-Dimensional Volterra Integral Equations by RDTM and Comparison with DTM. Abstract and Applied Analysis, 2013, 2013, 1-10.	0.7	2
23	Solitary Wave Solutions of the Boussinesq Equation and Its Improved Form. Mathematical Problems in Engineering, 2013, 2013, 1-8.	1.1	2
24	Travelling Wave Solutions of the SchrÃ¶dinger-Boussinesq System. Abstract and Applied Analysis, 2012, 2012, 1-11.	0.7	16
25	Solution of Second-Order IVP and BVP of Matrix Differential Models Using Matrix DTM. Abstract and Applied Analysis, 2012, 2012, 1-11.	0.7	2
26	Comment on â€œA new method for a generalized Hirotaâ€"Satsuma coupled KdV equation [Appl. Math. Comput. 217 (17) (2011) 7117â€"7125]â€. Applied Mathematics and Computation, 2012, 218, 5838-5839.	2.2	1
27	Numerical simulation of generalized Hirotaâ€"Satsuma coupled KdV equation by RDTM and comparison with DTM. Communications in Nonlinear Science and Numerical Simulation, 2012, 17, 619-629.	3.3	60
28	Extended two-dimensional DTM and its application on nonlinear PDEs with proportional delay. International Journal of Computer Mathematics, 2011, 88, 1749-1762.	1.8	56
29	Exact solutions for non-linear SchrÃ¶dinger equations byÂdifferential transformation method. Journal of Applied Mathematics and Computing, 2011, 35, 37-51.	2.5	28
30	Application of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" display="inline" overflow="scroll"><mml:mrow><mml:mo>(</mml:mo><mml:mfrac><mml:mrow><mml:msup><mml:mrow><mml:mi>G</mml:mi></mml... method to Regularized Long Wave (RLW) equation. Computers and Mathematics With Applications, 2011, 61, 2044-2047.	2.7	23
31	The (Gâ€²/G)-expansion method for the coupled Boussinesq equation. Procedia Engineering, 2011, 10, 2845-2850.	1.2	12
32	Hyperbolic, Trigonometric, and Rational Function Solutions of Hirota-Ramani Equation via -Expansion Method. Mathematical Problems in Engineering, 2011, 2011, 1-11.	1.1	12
33	Numerical Simulation of Coupled Nonlinear Schrodinger Equation by RDTM and Comparison with DTM. Journal of Applied Sciences, 2011, 11, 3454-3463.	0.3	7
34	Numerical study of the solution of the Burgers and coupled Burgers equations by a differential transformation method. Computers and Mathematics With Applications, 2010, 59, 2711-2722.	2.7	95
35	The<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" display="inline" overflow="scroll"><mml:mrow><mml:mo>(</mml:mo><mml:mfrac><mml:mrow><mml:msup><mml:mrow><mml:mi>G</mml:mi></mml... method for TzitzÃ©ica type nonlinear evolution equations. Mathematical and Computer Modelling, 2010, 52, 1834-1845.	2.0	40
36	Numerical study of nonlinear SchrÃ¶dinger and coupled SchrÃ¶dinger equations by differential transformation method. Optics Communications, 2010, 283, 2026-2031.	2.1	63

#	Article	IF	Citations
37	Application of Gâ€²G-expansion method to travelling wave solutions of three nonlinear evolution equation. Computers and Fluids, 2010, 39, 1957-1963.	2.5	50
38	An Unconditionally Stable Parallel Difference Scheme for Telegraph Equation. Mathematical Problems in Engineering, 2009, 2009, 1-17.	1.1	18
39	Perturbation method for heat exchange between a gas and solid particles. Journal of Applied Mechanics and Technical Physics, 2009, 50, 959-964.	0.5	7