

Reza Abazari

List of Publications by Year in descending order

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papers

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516710

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39
all docs

39
docs citations

39
times ranked

500
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Numerical study of nonlinear Schrödinger and coupled Schrödinger equations by differential transformation method. Optics Communications, 2010, 283, 2026-2031.	2.1	63
3	Numerical simulation of generalized Hirota's-Satsuma coupled KdV equation by RDTM and comparison with DTM. Communications in Nonlinear Science and Numerical Simulation, 2012, 17, 619-629.	3.3	60
4	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
5	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
6	Application of G-ε expansion method to travelling wave solutions of three nonlinear evolution equation. Computers and Fluids, 2010, 39, 1957-1963.	2.5	50
7	The method for Tzitzica type nonlinear evolution equations. Mathematical and Computer Modelling, 2010, 52, 1834-1845.	2.0	40
8	Solitary wave solutions of coupled boussinesq equation. Complexity, 2016, 21, 151-155.	1.6	33
9	Exact solutions for non-linear Schrödinger equations by differential transformation method. Journal of Applied Mathematics and Computing, 2011, 35, 37-51.	2.5	28
10	New optical solitons of conformable resonant nonlinear Schrödinger's equation. Open Physics, 2020, 18, 761-769.	1.7	27
11	Exact solitary wave solutions of the complex Klein-Gordon equation. Optik, 2015, 126, 1970-1975.	2.9	24
12	Application of differential transform method to Regularized Long Wave (RLW) equation. Computers and Mathematics With Applications, 2011, 61, 2044-2047.	2.0	23
13	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
14	Application of differential transform method on nonlinear integro-differential equations with proportional delay. Neural Computing and Applications, 2014, 24, 391-397.	5.6	23
15	An Unconditionally Stable Parallel Difference Scheme for Telegraph Equation. Mathematical Problems in Engineering, 2009, 2009, 1-17.	1.1	18
16	Travelling Wave Solutions of the Schrödinger-Boussinesq System. Abstract and Applied Analysis, 2012, 2012, 1-11.	0.7	16
17	Numerical study of Burgers-Huxley equations via reduced differential transform method. Computational and Applied Mathematics, 2013, 32, 1-17.	1.3	13
18	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

#	ARTICLE	IF	CITATIONS
19	Solitary wave solutions of three special types of Boussinesq equations. <i>Nonlinear Dynamics</i> , 2017, 88, 2797-2805.	5.2	13
20	Lie analysis, conserved quantities and solitonic structures of Calogero-Degasperis-Fokas equation. <i>AEJ - Alexandria Engineering Journal</i> , 2021, 60, 2513-2523.	6.4	13
21	The (G^{\prime}/G) -expansion method for the coupled Boussinesq equation. <i>Procedia Engineering</i> , 2011, 10, 2845-2850.	1.2	12
22	Hyperbolic, Trigonometric, and Rational Function Solutions of Hirota-Ramani Equation via ϵ -Expansion Method. <i>Mathematical Problems in Engineering</i> , 2011, 2011, 1-11.	1.1	12
23	Mathematical modeling of DNA vibrational dynamics and its solitary wave solutions. <i>Revista Mexicana De Física</i> , 2018, 64, 590-597.	0.4	9
24	Estimation of Survival Rates in Patients with Lung Cancer in West Azerbaijan, the Northwest of Iran. <i>Asian Pacific Journal of Cancer Prevention</i> , 2015, 16, 3923-3926.	1.2	9
25	Perturbation method for heat exchange between a gas and solid particles. <i>Journal of Applied Mechanics and Technical Physics</i> , 2009, 50, 959-964.	0.5	7
26	Numerical Simulation of Coupled Nonlinear Schrodinger Equation by RDTM and Comparison with DTM. <i>Journal of Applied Sciences</i> , 2011, 11, 3454-3463.	0.3	7
27	A hybrid denoising algorithm based on shearlet transform method and Yaroslavsky's filter. <i>Multimedia Tools and Applications</i> , 2018, 77, 17829-17851.	3.9	6
28	Non-Subsampled Shearlet Transform and Log-Transform Methods for Despeckling of Medical Ultrasound Images. <i>Informatica</i> , 2019, 30, 1-19.	2.7	5
29	On the exact solitary wave solutions of a special class of Benjamin-Bona-Mahony equation. <i>Computational Mathematics and Mathematical Physics</i> , 2013, 53, 1371-1376.	0.8	3
30	Numerical study of Sivashinsky equation using a splitting scheme based on Crank-Nicolson method. <i>Mathematical Methods in the Applied Sciences</i> , 2019, 42, 5509-5521.	2.3	3
31	Fourier Based Discrete Shearlet Transform for Speckle Noise Reduction in Medical Ultrasound Images. <i>Current Medical Imaging</i> , 2018, 14, 477-483.	0.8	3
32	Solution of Second-Order IVP and BVP of Matrix Differential Models Using Matrix DTM. <i>Abstract and Applied Analysis</i> , 2012, 2012, 1-11.	0.7	2
33	Numerical Study of Two-Dimensional Volterra Integral Equations by RDTM and Comparison with DTM. <i>Abstract and Applied Analysis</i> , 2013, 2013, 1-10.	0.7	2
34	Solitary Wave Solutions of the Boussinesq Equation and Its Improved Form. <i>Mathematical Problems in Engineering</i> , 2013, 2013, 1-8.	1.1	2
35	Comment on "A new method for a generalized Hirota-Satsuma coupled KdV equation [Appl. Math. Comput. 217 (17) (2011) 7117-7125]". <i>Applied Mathematics and Computation</i> , 2012, 218, 5838-5839.	2.2	1
36	A modified form of $\left(\frac{G^{\prime}}{G}\right)$ $G^{\prime 2}$ G -expansion method and its application to Potential Kadomtsev-Petviashvili (PKP) equation. <i>Japan Journal of Industrial and Applied Mathematics</i> , 2014, 31, 125-136.	0.9	1

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37	Bright and Singular Optical Solitons in Nonlinear Negative-Index Materials with Quadraticâ€Cubic Nonlinearity. <i>Arabian Journal for Science and Engineering</i> , 2021, 46, 5977-5991.	3.0	1
38	Weighted fuzzy transform and its application for approximation of discrete functions by continuous functions. <i>Journal of Intelligent and Fuzzy Systems</i> , 2014, 26, 2437-2444.	1.4	0
39	Non-Subsampled Shearlet Transform and Log-Transform Methods for Despeckling of Medical Ultrasound Images. <i>Informatica</i> , 2019, 30, 1-19.	2.7	0