

Zaiyun Zhang

List of Publications by Year in descending order

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32
papers

781
citations

686830

13
h-index

500791

28
g-index

32
all docs

32
docs citations

32
times ranked

253
citing authors

#	ARTICLE	IF	CITATIONS
1	New exact solutions to the perturbed nonlinear Schrödinger's equation with Kerr law nonlinearity. Applied Mathematics and Computation, 2010, 216, 3064-3072.	1.4	117
2	Qualitative analysis and traveling wave solutions for the perturbed nonlinear Schrödinger's equation with Kerr law nonlinearity. Physics Letters, Section A: General, Atomic and Solid State Physics, 2011, 375, 1275-1280.	0.9	109
3	New exact solutions to the perturbed nonlinear Schrödinger's equation with Kerr law nonlinearity via modified trigonometric function series method. Communications in Nonlinear Science and Numerical Simulation, 2011, 16, 3097-3106.	1.7	83
4	The modified ϵ -expansion method and traveling wave solutions of nonlinear the perturbed nonlinear Schrödinger's equation with Kerr law nonlinearity. Communications in Nonlinear Science and Numerical Simulation, 2011, 16, 4259-4267.	1.7	70
5	A Note on Exact Traveling Wave Solutions of the Perturbed Nonlinear Schrödinger's Equation with Kerr Law Nonlinearity. Communications in Theoretical Physics, 2012, 57, 764-770.	1.1	45
6	Bifurcation analysis and the travelling wave solutions of the Klein-Gordon-Zakharov equations. Pramana - Journal of Physics, 2013, 80, 41-59.	0.9	43
7	The extended $(G \hat{\epsilon}^2/G)$ -expansion method and travelling wave solutions for the perturbed nonlinear Schrödinger's equation with Kerr law nonlinearity. Pramana - Journal of Physics, 2014, 82, 1011-1029.	0.9	41
8	Bifurcation Behaviour of the Travelling Wave Solutions of the Perturbed Nonlinear Schrödinger Equation with Kerr Law Nonlinearity. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2011, 66, 721-727.	0.7	40
9	Global existence and uniform decay for wave equation with dissipative term and boundary damping. Computers and Mathematics With Applications, 2010, 59, 1003-1018.	1.4	30
10	Global existence and uniform stabilization of a generalized dissipative Klein-Gordon equation type with boundary damping. Journal of Mathematical Physics, 2011, 52, .	0.5	21
11	Generalized $(G \hat{\epsilon}^2/G)$ -expansion method and exact traveling wave solutions of the perturbed nonlinear Schrödinger's equation with Kerr law nonlinearity in optical fiber materials. Optical and Quantum Electronics, 2017, 49, 1.	1.5	20
12	A Note on Exact Travelling Wave Solutions for the Klein-Gordon-Zakharov Equations. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2012, 67, 167-172.	0.7	18
13	Global existence and general decay for a nonlinear viscoelastic equation with nonlinear localized damping and velocity-dependent material density. Applicable Analysis, 2013, 92, 2021-2048.	0.6	14
14	Blow-up phenomena for the weakly dissipative Dullin-Gottwald-Holm equation revisited. Journal of Mathematical Physics, 2015, 56, .	0.5	13
15	Well-posedness and unique continuation property for the solutions to the generalized Kawahara equation below the energy space. Applicable Analysis, 2018, 97, 2655-2685.	0.6	13
16	Stability analysis of heat flow with boundary time-varying delay effect. Nonlinear Analysis: Theory, Methods & Applications, 2010, 73, 1878-1889.	0.6	12
17	Estimate on the Dimension of Global Attractor for Nonlinear Dissipative Kirchhoff Equation. Acta Applicandae Mathematicae, 2010, 110, 271-282.	0.5	11
18	A note on decay properties for the solutions of a class of partial differential equation with memory. Journal of Applied Mathematics and Computing, 2011, 37, 85-102.	1.2	10

#	ARTICLE	IF	CITATIONS
19	Low Regularity for the Higher Order Nonlinear Dispersive Equation in Sobolev Spaces of Negative Index. <i>Journal of Dynamics and Differential Equations</i> , 2019, 31, 419-433.	1.0	10
20	ON SOLVABILITY OF THE DISSIPATIVE KIRCHHOFF EQUATION WITH NONLINEAR BOUNDARY DAMPING. <i>Bulletin of the Korean Mathematical Society</i> , 2014, 51, 189-206.	0.3	9
21	Well-posedness and unique continuation property for the generalized Ostrovsky equation with low regularity. <i>Mathematical Methods in the Applied Sciences</i> , 2016, 39, 2488-2513.	1.2	8
22	Exact traveling wave solutions of the perturbed Klein-Gordon equation with quadratic nonlinearity in (1+1)-dimension, Part I-without local inductance and dissipation effect. <i>Turkish Journal of Physics</i> , 2013, , .	0.5	6
23	Almost conservation laws and global rough solutions of the defocusing nonlinear wave equation on \mathbb{R}^2 . <i>Acta Mathematica Scientia</i> , 2017, 37, 385-394.	0.5	6
24	A trilinear estimate with application to the perturbed nonlinear Schrödinger equations with the Kerr law nonlinearity. <i>Journal of Evolution Equations</i> , 2021, 21, 1477-1494.	0.6	6
25	Sharp global well-posedness for the fractional BBM equation. <i>Mathematical Methods in the Applied Sciences</i> , 2018, 41, 5906-5918.	1.2	5
26	A new blow-up criterion for the N^s family of Camassa-Holm type equation with both dissipation and dispersion. <i>Open Mathematics</i> , 2020, 18, 194-203.	0.5	5
27	Global Attractor for the Generalized Dissipative KDV Equation with Nonlinearity. <i>International Journal of Mathematics and Mathematical Sciences</i> , 2011, 2011, 1-21.	0.3	4
28	Global well-posedness and infinite propagation speed for the N^s family of Camassa-Holm type equation with both dissipation and dispersion. <i>Journal of Mathematical Physics</i> , 2020, 61, 071502.	0.5	4
29	Boundary Stabilization of a Nonlinear Viscoelastic Equation with Interior Time-Varying Delay and Nonlinear Dissipative Boundary Feedback. <i>Abstract and Applied Analysis</i> , 2014, 2014, 1-14.	0.3	3
30	Long time behavior of solutions to the damped forced generalized Ostrovsky equation below the energy space. <i>Proceedings of the American Mathematical Society</i> , 2021, 149, 1527-1542.	0.4	3
31	Well-posedness and decay property for the generalized damped Boussinesq equation with double rotational inertia. <i>Kodai Mathematical Journal</i> , 2016, 39, .	0.3	2
32	Reconstruction of initial heat distribution via Green function method. <i>Electronic Research Archive</i> , 2022, 30, 3071-3086.	0.4	0