

Zaiyun Zhang

List of Publications by Year in descending order

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papers

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686830

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28
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all docs

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32
times ranked

253
citing authors

#	ARTICLE	IF	CITATIONS
1	Reconstruction of initial heat distribution via Green function method. Electronic Research Archive, 2022, 30, 3071-3086.	0.4	0
2	A trilinear estimate with application to the perturbed nonlinear Schrödinger equations with the Kerr law nonlinearity. Journal of Evolution Equations, 2021, 21, 1477-1494.	0.6	6
3	Long time behavior of solutions to the damped forced generalized Ostrovsky equation below the energy space. Proceedings of the American Mathematical Society, 2021, 149, 1527-1542.	0.4	3
4	Global well-posedness and infinite propagation speed for the N-abc family of Camassa-Holm type equation with both dissipation and dispersion. Journal of Mathematical Physics, 2020, 61, 071502.	0.5	4
5	A new blow-up criterion for the N-abc family of Camassa-Holm type equation with both dissipation and dispersion. Open Mathematics, 2020, 18, 194-203.	0.5	5
6	Low Regularity for the Higher Order Nonlinear Dispersive Equation in Sobolev Spaces of Negative Index. Journal of Dynamics and Differential Equations, 2019, 31, 419-433.	1.0	10
7	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
8	Sharp global well-posedness for the fractional BBM equation. Mathematical Methods in the Applied Sciences, 2018, 41, 5906-5918.	1.2	5
9	Generalized $(G^{\prime})_G$ ($G \in \mathbb{R}$) -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
10	Almost conservation laws and global rough solutions of the defocusing nonlinear wave equation on \mathbb{R}^2 . Acta Mathematica Scientia, 2017, 37, 385-394.	0.5	6
11	Well-posedness and unique continuation property for the generalized Ostrovsky equation with low regularity. Mathematical Methods in the Applied Sciences, 2016, 39, 2488-2513.	1.2	8
12	Well-posedness and decay property for the generalized damped Boussinesq equation with double rotational inertia. Kodai Mathematical Journal, 2016, 39, .	0.3	2
13	Blow-up phenomena for the weakly dissipative Dullin-Gottwald-Holm equation revisited. Journal of Mathematical Physics, 2015, 56, .	0.5	13
14	Boundary Stabilization of a Nonlinear Viscoelastic Equation with Interior Time-Varying Delay and Nonlinear Dissipative Boundary Feedback. Abstract and Applied Analysis, 2014, 2014, 1-14.	0.3	3
15	The extended (G^2/C) -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
16	ON SOLVABILITY OF THE DISSIPATIVE KIRCHHOFF EQUATION WITH NONLINEAR BOUNDARY DAMPING. Bulletin of the Korean Mathematical Society, 2014, 51, 189-206.	0.3	9
17	Bifurcation analysis and the travelling wave solutions of the Klein-Gordon-Zakharov equations. Pramana - Journal of Physics, 2013, 80, 41-59.	0.9	43
18	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

#	ARTICLE	IF	CITATIONS
19	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. Turkish Journal of Physics, 2013, , .	0.5	6
20	A Note on Exact Travelling Wave Solutions for the Kleinâ€“Gordonâ€“ Zakharov Equations. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2012, 67, 167-172.	0.7	18
21	A Note on Exact Traveling Wave Solutions of the Perturbed Nonlinear SchrÃ¶dinger's Equation with Kerr Law Nonlinearity. Communications in Theoretical Physics, 2012, 57, 764-770.	1.1	45
22	Global existence and uniform stabilization of a generalized dissipative Kleinâ€“Gordon equation type with boundary damping. Journal of Mathematical Physics, 2011, 52, .	0.5	21
23	Bifurcation Behaviour of the Travelling Wave Solutions of the Perturbed Nonlinear SchrÃ¶dinger Equation with Kerr Law Nonlinearity. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2011, 66, 721-727.	0.7	40
24	New exact solutions to the perturbed nonlinear SchrÃ¶dingerâ€™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
25	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
26	The modified -expansion method and traveling wave solutions of nonlinear the perturbed nonlinear SchrÃ¶dingerâ€™s equation with Kerr law nonlinearity. Communications in Nonlinear Science and Numerical Simulation, 2011, 16, 4259-4267.	1.7	70
27	Qualitative analysis and traveling wave solutions for the perturbed nonlinear SchrÃ¶dinger's equation with Kerr law nonlinearity. Physics Letters, Section A: General, Atomic and Solid State Physics, 2011, 375, 1275-1280.	0.9	109
28	Global Attractor for the Generalized Dissipative KDV Equation with Nonlinearity. International Journal of Mathematics and Mathematical Sciences, 2011, 2011, 1-21.	0.3	4
29	New exact solutions to the perturbed nonlinear SchrÃ¶dingerâ€™s equation with Kerr law nonlinearity. Applied Mathematics and Computation, 2010, 216, 3064-3072.	1.4	117
30	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
31	Estimate on the Dimension of Global Attractor for Nonlinear Dissipative Kirchhoff Equation. Acta Applicandae Mathematicae, 2010, 110, 271-282.	0.5	11
32	Stability analysis of heat flow with boundary time-varying delay effect. Nonlinear Analysis: Theory, Methods & Applications, 2010, 73, 1878-1889.	0.6	12