Zhijian Yang

List of Publications by Year
in descending order

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43	578	623574	677027
papers	citations	14	22
		h-index	g-index

43	43	43	140
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	On an extensible beam equation with nonlinear damping and source terms. Journal of Differential Equations, 2013, 254, 3903-3927.	1.1	56
2	Longtime behavior of the Kirchhoff type equation with strong damping on <mml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/co	1.1	41
3	Global existence of solutions for quasi-linear wave equations with viscous damping. Journal of Mathematical Analysis and Applications, 2003, 285, 604-618.	0.5	37
4	Finite-dimensional attractors for the Kirchhoff equation with a strong dissipation. Journal of Mathematical Analysis and Applications, 2011, 375, 579-593.	0.5	35
5	Cauchy problem for the multi-dimensional Boussinesq type equation. Journal of Mathematical Analysis and Applications, 2008, 340, 64-80.	0.5	27
6	Longtime dynamics of the Kirchhoff equations with fractional damping and supercritical nonlinearity. Journal of Mathematical Analysis and Applications, 2016, 442, 485-510.	0.5	24
7	Longtime dynamics of the Kirchhoff equation with strong damping and critical nonlinearity on<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msup><mml:mrow><mml:mi mathvariant="double-struck">R</mml:mi></mml:mrow><mml:mrow><mml:mi>N</mml:mi></mml:mrow></mml:msup></mml:math>. Journal of Mathematical Analysis and Applications, 2016, 434, 1826-1851.	0.5	21
8	Global attractor for the Kirchhoff type equations with strong nonlinear damping and supercritical nonlinearity. Applied Mathematics Letters, 2014, 33, 12-17.	1.5	20
9	Robust attractors for a perturbed non-autonomous extensible beam equation with nonlinear nonlocal damping. Discrete and Continuous Dynamical Systems, 2019, 39, 5975-6000.	0.5	20
10	Longtime dynamics of the damped Boussinesq equation. Journal of Mathematical Analysis and Applications, 2013, 399, 180-190.	0.5	18
11	Global attractor for the generalized double dispersion equation. Nonlinear Analysis: Theory, Methods & Applications, 2015, 115, 103-116.	0.6	18
12	Exponential attractor for the wave equation with structural damping and supercritical exponent. Communications in Contemporary Mathematics, 2016, 18, 1550055.	0.6	18
13	Optimal attractors of the Kirchhoff wave model with structural nonlinear damping. Journal of Differential Equations, 2020, 268, 7741-7773.	1.1	18
14	Criteria on the existence and stability of pullback exponential attractors and their application to non-autonomous kirchhoff wave models. Discrete and Continuous Dynamical Systems, 2018, 38, 2629-2653.	0.5	17
15	Global attractor for a nonlinear wave equation arising in elastic waveguide model. Nonlinear Analysis: Theory, Methods & Applications, 2009, 70, 2132-2142.	0.6	14
16	Cauchy problem for quasi-linear wave equations with nonlinear damping and source terms. Journal of Mathematical Analysis and Applications, 2004, 300, 218-243.	0.5	13
17	Global attractor of the Kirchhoff wave models with strong nonlinear damping. Applied Mathematics Letters, 2018, 76, 40-45.	1.5	12
18	Cauchy problem for quasi-linear wave equations with viscous damping. Journal of Mathematical Analysis and Applications, 2006, 320, 859-881.	0.5	11

#	Article	IF	Citations
19	Exponential attractor for the Kirchhoff equations with strong nonlinear damping and supercritical nonlinearity. Applied Mathematics Letters, 2015, 46, 127-132.	1.5	11
20	Regular solutions and strong attractors for the Kirchhoff wave model with structural nonlinear damping. Applied Mathematics Letters, 2020, 104, 106258.	1.5	11
21	A global attractor for the elastic waveguide model in. Nonlinear Analysis: Theory, Methods & Applications, 2011, 74, 6640-6661.	0.6	10
22	Longtime behavior of the semilinear wave equation with gentle dissipation. Discrete and Continuous Dynamical Systems, 2016, 36, 6557-6580.	0.5	10
23	Blowup of solutions for the â€œbadâ€•Boussinesq-type equation. Journal of Mathematical Analysis and Applications, 2003, 285, 282-298.	0.5	9
24	Exponential attractors for the strongly damped wave equation. Applied Mathematics and Computation, 2013, 220, 155-165.	1.4	8
25	Upper semicontinuity of global attractors for a family of semilinear wave equations with gentle dissipation. Applied Mathematics Letters, 2017, 69, 22-28.	1.5	8
26	Longtime dynamics of Boussinesq type equations with fractional damping. Nonlinear Analysis: Theory, Methods & Applications, 2017, 161, 108-130.	0.6	8
27	Robustness of Attractors for Non-autonomous Kirchhoff Wave Models with Strong Nonlinear Damping. Applied Mathematics and Optimization, 2021, 84, 245-272.	0.8	8
28	Stability of attractors for the Kirchhoff wave equation with strong damping and critical nonlinearities. Journal of Mathematical Analysis and Applications, 2019, 469, 298-320.	0.5	8
29	Existence and nonexistence of global solutions to the Cauchy problem for a nonlinear beam equation. Mathematical Methods in the Applied Sciences, 2010, 33, 563-575.	1.2	7
30	Longtime behavior for an extensible beam equation with rotational inertia and structural nonlinear damping. Journal of Mathematical Analysis and Applications, 2021, 496, 124785.	0.5	7
31	Strong attractors and their robustness for an extensible beam model with energy damping. Discrete and Continuous Dynamical Systems - Series B, 2022, 27, 3101.	0.5	6
32	Global attractor for a strongly damped wave equation with fully supercritical nonlinearities. Discrete and Continuous Dynamical Systems, 2017, 37, 2181-2205.	0.5	6
33	Longtime dynamics of the quasi-linear wave equations with structural damping and supercritical nonlinearities. Nonlinearity, 2017, 30, 1120-1145.	0.6	5
34	Stability of exponential attractors for a family of semilinear wave equations with gentle dissipation. Journal of Differential Equations, 2018, 264, 3976-4005.	1.1	5
35	Well-posedness and attractor for a strongly damped wave equation with supercritical nonlinearity on $ mathbb{R}^{N} $. Communications on Pure and Applied Analysis, 2021, 20, 1059.	0.4	5
36	Attractors and their stability on Boussinesq type equations with gentle dissipation. Communications on Pure and Applied Analysis, 2019, 18, 911-930.	0.4	5

#	Article	IF	Citations
37	Longtime dynamics for a nonlinear viscoelastic equation with time-dependent memory kernel. Nonlinear Analysis: Real World Applications, 2022, 64, 103432.	0.9	5
38	Attractors and their continuity for an extensible beam equation with rotational inertia and nonlocal energy damping. Journal of Mathematical Analysis and Applications, 2022, 512, 126148.	0.5	4
39	Uniform attractors and their continuity for the non-autonomous Kirchhoff wave models. Discrete and Continuous Dynamical Systems - Series B, 2021, .	0.5	3
40	Exponential Attractor for the Viscoelastic Wave Model with Time-Dependent Memory Kernels. Journal of Dynamics and Differential Equations, 2023, 35, 679-707.	1.0	3
41	Upper semicontinuity of strong attractors for the Kirchhoff wave model with structural nonlinear damping. Mathematical Methods in the Applied Sciences, 2021, 44, 6571-6580.	1.2	3
42	Well-posedness and attractor on the 2D Kirchhoffâ€“Boussinesq models. Nonlinear Analysis: Theory, Methods & Applications, 2020, 196, 111803.	0.6	2
43	Asymptotic behavior for the singularly perturbed damped Boussinesq equation. Mathematical Methods in the Applied Sciences, 2015, 38, 1557-1567.	1.2	1