

Wei-guo Zhang

List of Publications by Year in descending order

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papers

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169
citing authors

#	ARTICLE	IF	CITATIONS
1	The N-soliton solution to the higher-order nonlinear Schrödinger–Maxwell–Bloch system via the Riemann–Hilbert approach. <i>Journal of Mathematical Physics</i> , 2022, 63, 051505.	1.1	0
2	On a Riemann–Hilbert problem for the focusing nonlocal mKdV equation with step-like initial data. <i>Applied Mathematics Letters</i> , 2021, 116, 107009.	2.7	7
3	Qualitative analysis and bounded traveling wave solutions for Boussinesq equation with dissipative term. <i>Nonlinear Dynamics</i> , 2021, 105, 2595-2609.	5.2	1
4	On a Riemann–Hilbert problem for the NLS-MB equations. <i>Modern Physics Letters B</i> , 2021, 35, 2150420.	1.9	2
5	Exact solitary and periodic wave solutions of high-order nonlinear Schrödinger equation and their relationship with Hamilton energy. <i>AIP Advances</i> , 2021, 11, 085212.	1.3	1
6	Orbital stability of dn periodic solutions for the generalized symmetric regularized-long-wave equation. <i>Applied Mathematics and Computation</i> , 2021, 405, 126249.	2.2	0
7	Influence of Nonlinear Terms on Orbital Stability of Solitary Wave Solutions to the Generalized Symmetric Regularized-Long-Wave Equation. <i>Journal of Nonlinear Mathematical Physics</i> , 2021, 28, 390-413.	1.3	2
8	Properties of Traveling Wave Fronts for Three Species Lotka–Volterra System. <i>Qualitative Theory of Dynamical Systems</i> , 2020, 19, 1.	1.7	3
9	Asymptotic Stability of Monotone Decreasing Kink Profile Solitary Wave Solutions for Generalized KdV-Burgers Equation. <i>Acta Mathematicae Applicatae Sinica</i> , 2019, 35, 475-490.	0.7	2
10	Two-soliton solutions of the complex short pulse equation via Riemann–Hilbert approach. <i>Applied Mathematics Letters</i> , 2019, 98, 263-270.	2.7	7
11	Orbital stability of solitary waves for generalized Boussinesq equation with two nonlinear terms. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2018, 59, 629-650.	3.3	3
12	Qualitative analysis and approximate damped oscillatory solutions for a kind of nonlinear dispersive-dissipative equation. <i>Acta Mathematicae Applicatae Sinica</i> , 2017, 33, 1-24.	0.7	0
13	Global existence for nonlinear elastic waves in high space dimensions. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2017, 148, 203-211.	1.1	2
14	Threshold of a stochastic SIR epidemic model with Lévy jumps. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2016, 446, 204-216.	2.6	64
15	Traveling wave solutions of compressible fluid equations and orbital stability. <i>AIP Advances</i> , 2015, 5, 117148.	1.3	0
16	Orbital stability of solitary waves of compound KdV-type equation. <i>Acta Mathematicae Applicatae Sinica</i> , 2015, 31, 1033-1042.	0.7	1
17	Approximate damped oscillatory solutions and error estimates for the perturbed Klein–Gordon equation. <i>Chaos, Solitons and Fractals</i> , 2015, 70, 49-57.	5.1	1
18	Generalized Darboux transformation and rational soliton solutions for Chen–Lee–Liu equation. <i>Applied Mathematics and Computation</i> , 2014, 242, 863-876.	2.2	21

#	ARTICLE	IF	CITATIONS
19	Orbital Stability of Solitary Waves for Generalized Symmetric Regularized-Long-Wave Equations with Two Nonlinear Terms. <i>Journal of Applied Mathematics</i> , 2014, 2014, 1-16.	0.9	0
20	Generalized Darboux transformation and rogue wave solutions for the higher-order dispersive nonlinear Schrödinger equation. <i>Physica Scripta</i> , 2013, 88, 065004.	2.5	34
21	Approximate damped oscillatory solutions for compound KdV-Burgers equation and their error estimates. <i>Acta Mathematicae Applicatae Sinica</i> , 2012, 28, 305-324.	0.7	7
22	New explicit solutions for the Klein-Gordon equation with cubic nonlinearity. <i>Applied Mathematics and Computation</i> , 2010, 217, 716-724.	2.2	6
23	PERIODIC WAVE SOLUTIONS FOR POCHHAMMER-CHREE EQUATION WITH FIVE ORDER NONLINEAR TERM AND THEIR RELATIONSHIP WITH SOLITARY WAVE SOLUTIONS. <i>International Journal of Modern Physics B</i> , 2010, 24, 3769-3783.	2.0	4
24	New solitary wave solutions and periodic wave solutions for the compound KdV equation. <i>Chaos, Solitons and Fractals</i> , 2009, 39, 143-149.	5.1	1
25	Orbital stability of solitary waves for Kundu equation. <i>Journal of Differential Equations</i> , 2009, 247, 1591-1615.	2.2	11
26	Exact solitary-wave solutions and periodic wave solutions for generalized modified Boussinesq equation and the effect of wave velocity on wave shape. <i>Acta Mathematicae Applicatae Sinica</i> , 2008, 24, 691-704.	0.7	1
27	Conditional stability of solitary-wave solutions for generalized Boussinesq equations. <i>Chaos, Solitons and Fractals</i> , 2007, 32, 1108-1117.	5.1	1
28	Exact Periodic Solutions to Generalized BBM Equation and Relevant Conclusions. <i>Acta Mathematicae Applicatae Sinica</i> , 2006, 22, 509-516.	0.7	6
29	Methods of judging shape of solitary wave and solution formulae for some evolution equations with nonlinear terms of high order. <i>Journal of Mathematical Analysis and Applications</i> , 2003, 287, 1-18.	1.0	32
30	Explicit exact solitary-wave solutions for compound KdV-type and compound KdV-Burgers-type equations with nonlinear terms of any order. <i>Chaos, Solitons and Fractals</i> , 2002, 13, 311-319.	5.1	87
31	Asymptotic stability of kink profile solitary wave solutions for generalized gardner equation with dissipative term. <i>Modern Physics Letters B</i> , 0, , .	1.9	0