

# Jiangbo Zhou

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A type of bounded traveling wave solutions for the Fornberg-Whitham equation. Journal of Mathematical Analysis and Applications, 2008, 346, 255-261.	1.0	56
2	Solitons, peakons and periodic cusp wave solutions for the Fornberg-Whitham equation. Nonlinear Analysis: Real World Applications, 2010, 11, 356-363.	1.7	27
3	Existence and non-existence of traveling wave solutions for a nonlocal dispersal SIR epidemic model with nonlinear incidence rate. Nonlinear Analysis: Real World Applications, 2018, 41, 204-231.	1.7	26
4	Mixed types of waves in a discrete diffusive epidemic model with nonlinear incidence and time delay. Journal of Differential Equations, 2020, 268, 4491-4524.	2.2	25
5	Soliton solution of the osmosis equation. Physics Letters, Section A: General, Atomic and Solid State Physics, 2008, 372, 6232-6234.	2.1	19
6	Critical traveling waves in a diffusive disease model. Journal of Mathematical Analysis and Applications, 2019, 476, 522-538.	1.0	17
7	Wave propagation in a diffusive SIR epidemic model with spatiotemporal delay. Mathematical Methods in the Applied Sciences, 2018, 41, 7074-7098.	2.3	14
8	Solitary-wave solutions to a dual equation of the Kaup-Boussinesq system. Nonlinear Analysis: Real World Applications, 2010, 11, 3229-3235.	1.7	13
9	Soliton, kink and antikink solutions of a 2-component of the Degasperis-Procesi equation. Nonlinear Analysis: Real World Applications, 2010, 11, 2529-2536.	1.7	10
10	Periodic and Solitary-Wave Solutions for a Variant of the KdV Equation. International Journal of Differential Equations, 2011, 2011, 1-16.	0.8	6
11	Traveling Wave Solutions of a Generalized Zakharov-Kuznetsov Equation. ISRN Mathematical Analysis, 2012, 2012, 1-10.	0.4	6
12	Super-critical and critical traveling waves in a three-component delayed disease system with mixed diffusion. Journal of Computational and Applied Mathematics, 2020, 367, 112451.	2.0	6
13	Wave propagation in a diffusive SAIV epidemic model with time delays. European Journal of Applied Mathematics, 2022, 33, 674-700.	2.9	5
14	Periodic and Solitary Wave Solutions to the Fornberg-Whitham Equation. Mathematical Problems in Engineering, 2009, 2009, 1-10.	1.1	1
15	Soliton and Periodic Wave Solutions to the Osmosis K(2,2) Equation. Mathematical Problems in Engineering, 2009, 2009, 1-10.	1.1	1
16	Traveling Wave Solution with the Critical Speed for a Diffusive Epidemic System with Spatio-Temporal Delay. Qualitative Theory of Dynamical Systems, 2022, 21, .	1.7	1
17	On the Local Well-Posedness of the Cauchy Problem for a Modified Two-Component Camassa-Holm System in Besov Spaces. International Journal of Partial Differential Equations, 2013, 2013, 1-13.	0.4	0