Jinbing Chen

List of Publications by Year
in descending order

23 papers	471 citations	1039406 9 h-index
24 all docs	24 docs citations	24 times ranked

713013
21
g-index

134
citing authors

#	Article	IF	Citations
1	The complex Hamiltonian system in the Gerdjikov-Ivanov equation and its applications. Analysis and Mathematical Physics, 2022, 12, .	0.6	1
2	Modulational Instability of Periodic Standing Waves in the Derivative NLS Equation. Journal of Nonlinear Science, 2021, 31, 1.	1.0	24
3	Rogue waves on the background of periodic standing waves in the derivative nonlinear Schrödinger equation. Physical Review E, 2021, 103, 062206.	0.8	36
4	The complex Hamiltonian systems and quasi€periodic solutions in the derivative nonlinear Schrödinger equations. Studies in Applied Mathematics, 2020, 145, 153-178.	1.1	8
5	Periodic standing waves in the focusing nonlinear Schrödinger equation: Rogue waves and modulation instability. Physica D: Nonlinear Phenomena, 2020, 405, 132378.	1.3	48
6	Quasi-periodic solutions of the negative-order Jaulent€"Miodek hierarchy. Reviews in Mathematical Physics, 2020, 32, 2050007.	0.7	7
7	Quasiperiodic Solutions of the Negative-Order Korteweg-De Vries Hierarchy. Theoretical and Mathematical Physics(Russian Federation), 2019, 199, 798-822.	0.3	2
8	Periodic Travelling Waves of the Modified KdV Equation and Rogue Waves on the Periodic Background. Journal of Nonlinear Science, 2019, 29, 2797-2843.	1.0	59
9	Rogue waves on the double-periodic background in the focusing nonlinear Schrödinger equation. Physical Review E, 2019, 100, 052219.	0.8	69
10	Rogue periodic waves of the focusing nonlinear Schrödinger equation. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2018, 474, 20170814.	1.0	75
11	Quasi-Periodic Solutions to the Mixed Kaup-Newell Hierarchy. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2018, 73, 579-593.	0.7	0
12	Rogue periodic waves of the modified KdV equation. Nonlinearity, 2018, 31, 1955-1980.	0.6	96
13	Quasi-periodic solutions to a negative-order integrable system of 2-component KdV equation. International Journal of Geometric Methods in Modern Physics, 2018, 15, 1850040.	0.8	3
14	Neumann Type Integrable Reduction to the Negative-Order Coupled Harry€"Dym Hierarchy. Journal of the Physical Society of Japan, 2018, 87, 104004.	0.7	3
15	Relation between the Negative-Order Harry Dym Hierarchy and a Family of Backward Neumann Type Systems. Journal of the Physical Society of Japan, 2016, 85, 034004.	0.7	3
16	Some algebro-geometric solutions for the coupled modified Kadomtsev-Petviashvili equations arising from the Neumann type systems. Journal of Mathematical Physics, 2012, 53, 073513.	0.5	4
17	A class of Neumann type systems and its application. Dynamics of Partial Differential Equations, 2012, 9, 147-171.	1.0	2
18	The Application of Neumann Type Systems for Solving Integrable Nonlinear Evolution Equations. Studies in Applied Mathematics, 2011, 127, 153-190.	1.1	5

#	Article	IF	Citations
19	The Neumann Type Systems and Algebro-Geometric Solutions of a System of Coupled Integrable Equations. Mathematical Physics Analysis and Geometry, 2011, 14, 171-183.	0.4	0
20	Finite-gap solutions of 2+1 dimensional integrable nonlinear evolution equations generated by the Neumann systems. Journal of Mathematical Physics, 2010, 51, .	0.5	10
21	Neumann type integrable reduction for nonlinear evolution equations in 1+1 and 2+1 dimensions. Journal of Mathematical Physics, 2009, 50, .	0.5	3
22	A new Neumann type integrable system related to the coupled Harry–Dym hierarchy. Physics Letters, Section A: General, Atomic and Solid State Physics, 2005, 340, 181-187.	0.9	9
23	Lax representation and dynamical r-matrix for a new Neumann type integrable model. Chaos, Solitons and Fractals, 2005, 24, 519-526.	2.5	4