

Jinbing Chen

List of Publications by Year in descending order

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papers

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1039406

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all docs

24
docs citations

24
times ranked

134
citing authors

#	ARTICLE	IF	CITATIONS
1	Rogue periodic waves of the modified KdV equation. <i>Nonlinearity</i> , 2018, 31, 1955-1980.	0.6	96
2	Rogue periodic waves of the focusing nonlinear Schrödinger equation. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2018, 474, 20170814.	1.0	75
3	Rogue waves on the double-periodic background in the focusing nonlinear Schrödinger equation. <i>Physical Review E</i> , 2019, 100, 052219.	0.8	69
4	Periodic Travelling Waves of the Modified KdV Equation and Rogue Waves on the Periodic Background. <i>Journal of Nonlinear Science</i> , 2019, 29, 2797-2843.	1.0	59
5	Periodic standing waves in the focusing nonlinear Schrödinger equation: Rogue waves and modulation instability. <i>Physica D: Nonlinear Phenomena</i> , 2020, 405, 132378.	1.3	48
6	Rogue waves on the background of periodic standing waves in the derivative nonlinear Schrödinger equation. <i>Physical Review E</i> , 2021, 103, 062206.	0.8	36
7	Modulational Instability of Periodic Standing Waves in the Derivative NLS Equation. <i>Journal of Nonlinear Science</i> , 2021, 31, 1.	1.0	24
8	Finite-gap solutions of 2+1 dimensional integrable nonlinear evolution equations generated by the Neumann systems. <i>Journal of Mathematical Physics</i> , 2010, 51, .	0.5	10
9	A new Neumann type integrable system related to the coupled Harryâ€“Dym hierarchy. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2005, 340, 181-187.	0.9	9
10	The complex Hamiltonian systems and quasiâ€“periodic solutions in the derivative nonlinear Schrödinger equations. <i>Studies in Applied Mathematics</i> , 2020, 145, 153-178.	1.1	8
11	Quasi-periodic solutions of the negative-order Jaulentâ€“Miodek hierarchy. <i>Reviews in Mathematical Physics</i> , 2020, 32, 2050007.	0.7	7
12	The Application of Neumann Type Systems for Solving Integrable Nonlinear Evolution Equations. <i>Studies in Applied Mathematics</i> , 2011, 127, 153-190.	1.1	5
13	Lax representation and dynamical r-matrix for a new Neumann type integrable model. <i>Chaos, Solitons and Fractals</i> , 2005, 24, 519-526.	2.5	4
14	Some algebro-geometric solutions for the coupled modified Kadomtsev-Petviashvili equations arising from the Neumann type systems. <i>Journal of Mathematical Physics</i> , 2012, 53, 073513.	0.5	4
15	Neumann type integrable reduction for nonlinear evolution equations in 1+1 and 2+1 dimensions. <i>Journal of Mathematical Physics</i> , 2009, 50, .	0.5	3
16	Relation between the Negative-Order Harry Dym Hierarchy and a Family of Backward Neumann Type Systems. <i>Journal of the Physical Society of Japan</i> , 2016, 85, 034004.	0.7	3
17	Quasi-periodic solutions to a negative-order integrable system of 2-component KdV equation. <i>International Journal of Geometric Methods in Modern Physics</i> , 2018, 15, 1850040.	0.8	3
18	Neumann Type Integrable Reduction to the Negative-Order Coupled Harryâ€“Dym Hierarchy. <i>Journal of the Physical Society of Japan</i> , 2018, 87, 104004.	0.7	3

#	ARTICLE	IF	CITATIONS
19	Quasiperiodic Solutions of the Negative-Order Korteweg-De Vries Hierarchy. Theoretical and Mathematical Physics(Russian Federation), 2019, 199, 798-822.	0.3	2
20	A class of Neumann type systems and its application. Dynamics of Partial Differential Equations, 2012, 9, 147-171.	1.0	2
21	The complex Hamiltonian system in the Gerdjikov-Ivanov equation and its applications. Analysis and Mathematical Physics, 2022, 12, .	0.6	1
22	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
23	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