

Bo Xue

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

44
papers

365
citations

10
h-index

18
g-index

45
ext. papers

451
ext. citations

2
avg, IF

4.24
L-index

#	Paper	IF	Citations
44	An extension of integrable peakon equations with cubic nonlinearity. <i>Nonlinearity</i> , 2009 , 22, 1847-1856	1.7	89
43	A three-component generalization of Camassa-Holm equation with N-peakon solutions. <i>Advances in Mathematics</i> , 2011 , 226, 827-839	1.3	47
42	A Vector General Nonlinear Schrödinger Equation with ((m+n)) Components. <i>Journal of Nonlinear Science</i> , 2020 , 30, 991-1013	2.8	37
41	Quasi-periodic solutions of mixed AKNS equations. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2010 , 73, 3662-3674	1.3	20
40	A Super Camassa-Holm Equation with N-Peon Solutions. <i>Studies in Applied Mathematics</i> , 2013 , 130, 1-16	2.1	17
39	A new nonlinear wave equation: Darboux transformation and soliton solutions. <i>Wave Motion</i> , 2018 , 79, 44-56	1.8	16
38	Soliton solutions and quasiperiodic solutions of modified Korteweg-de Vries type equations. <i>Journal of Mathematical Physics</i> , 2010 , 51, 063516	1.2	15
37	Explicit quasi-periodic solutions of the Kaup-Newell hierarchy. <i>Journal of Mathematical Analysis and Applications</i> , 2015 , 425, 1097-1112	1.1	14
36	N-soliton and quasi-periodic solutions of the KdV6 equations. <i>Applied Mathematics and Computation</i> , 2012 , 219, 3504-3510	2.7	10
35	Dynamical behaviour of rogue wave solutions in a multi-component AB system. <i>Wave Motion</i> , 2019 , 89, 1-13	1.8	10
34	Breathers and breather-rogue waves on a periodic background for the derivative nonlinear Schrödinger equation. <i>Physica Scripta</i> , 2020 , 95, 055216	2.6	8
33	Algebro-Geometric Solutions of the TD Hierarchy. <i>Mathematical Physics Analysis and Geometry</i> , 2013 , 16, 229-251	0.8	8
32	A Hermitian symmetric space Fokas-Lenells equation: Solitons, breathers, rogue waves. <i>Annals of Physics</i> , 2019 , 404, 115-131	2.5	7
31	A new integrable equation with peakons and cuspons and its bi-Hamiltonian structure. <i>Applied Mathematics Letters</i> , 2015 , 46, 64-69	3.5	7
30	A generalized complex mKdV equation: Darboux transformations and explicit solutions. <i>Wave Motion</i> , 2020 , 98, 102639	1.8	7
29	Modulation instability and dynamics for the Hermitian symmetric space derivative nonlinear Schrödinger equation. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2019 , 78, 104877	3.7	6
28	Darboux transformation and conservation laws of a integrable evolution equations with 3 Lax pairs. <i>Applied Mathematics and Computation</i> , 2015 , 269, 326-331	2.7	5

27	Quasi-Periodic Solutions of Coupled KDV Type Equations. <i>Journal of Nonlinear Mathematical Physics</i> , 2013 , 20, 61	0.9	5
26	SOME NEW INTEGRABLE NONLINEAR EVOLUTION EQUATIONS AND THEIR INFINITELY MANY CONSERVATION LAWS. <i>Modern Physics Letters B</i> , 2010 , 24, 2077-2090	1.6	5
25	Exact solutions of a negative matrix AKNS system with a Hermitian symmetric space. <i>Applied Mathematics Letters</i> , 2019 , 90, 8-14	3.5	5
24	Finite Genus Solutions to the Coupled Burgers Hierarchy. <i>Results in Mathematics</i> , 2019 , 74, 1	0.9	5
23	A GENERALIZATION OF TODA LATTICES AND THEIR BI-HAMILTONIAN STRUCTURES. <i>Modern Physics Letters B</i> , 2012 , 26, 1250078	1.6	4
22	Darboux transformations for a matrix long-wave/short-wave equation and higher-order rational rogue-wave solutions. <i>Mathematical Methods in the Applied Sciences</i> , 2020 , 43, 948-967	2.3	4
21	Higher-order solutions of a matrix AKNS system associated with a Hermitian symmetric space. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2019 , 383, 3047-3055	2.3	2
20	Some generalized coupled nonlinear Schrödinger equations and conservation laws. <i>Modern Physics Letters B</i> , 2017 , 31, 1750299	1.6	2
19	A second-order three-wave interaction system and its rogue wave solutions. <i>Nonlinear Dynamics</i> , 2021 , 105, 2575-2593	5	2
18	New hierarchy of integrable nonlinear differential-difference equations. <i>Modern Physics Letters B</i> , 2015 , 29, 1550190	1.6	1
17	Riemann theta function solutions to the coupled long wave/short wave resonance equations. <i>Analysis and Mathematical Physics</i> , 2020 , 10, 1	1.3	1
16	Explicit Solutions and Conservation Laws of a Coupled Burgers Equation. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2017 , 72, 789-793	1.4	1
15	Hamiltonian structures and conservation laws of the Belov-Chaltikian lattice hierarchy. <i>Journal of Mathematical Physics</i> , 2014 , 55, 063505	1.2	1
14	Quasiperiodic solutions of Jaulent-Miodek equations with a negative flow. <i>Journal of Mathematical Physics</i> , 2012 , 53, 063710	1.2	1
13	Darboux transformation and exact solutions for a four-component Fokas-Lenells equation. <i>Results in Physics</i> , 2021 , 31, 105027	3.7	1
12	A Five-Component Generalized mKdV Equation and Its Exact Solutions. <i>Mathematics</i> , 2020 , 8, 1145	2.3	1
11	A coupled nonlinear Schrödinger-type equation and its Darboux transformation. <i>Modern Physics Letters B</i> , 2018 , 32, 1850192	1.6	1
10	A hierarchy of generalized Jaulent-Miodek equations and their explicit solutions. <i>International Journal of Geometric Methods in Modern Physics</i> , 2018 , 15, 1850002	1.5	0

9	Spectral analysis and soliton structures for the Hermitian symmetric space Fokas-Lenells equation. <i>Nonlinear Dynamics</i> , 2021 , 106, 907-918	5	0
8	A vector Geng-Li model: New nonlinear phenomena and breathers on periodic background waves. <i>Physica D: Nonlinear Phenomena</i> , 2022 , 434, 133270	3.3	0
7	Three-Component Generalisation of Burgers Equation and Its Bi-Hamiltonian Structures. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2017 , 72, 469-475	1.4	
6	An extension of the coupled derivative nonlinear Schrödinger hierarchy. <i>Modern Physics Letters B</i> , 2018 , 32, 1850016	1.6	
5	Conservation laws and Hamiltonian structures of the generalized sine-Gordon hierarchy. <i>Modern Physics Letters B</i> , 2014 , 28, 1450248	1.6	
4	Riemann-Hilbert approach and N-soliton solutions for a negative matrix AKNS system with a Hermitian symmetric space. <i>Wave Motion</i> , 2021 , 108, 102838	1.8	
3	Explicit Solutions of the Coupled Bogoyavlensky Lattice 1(2) Hierarchy. <i>Results in Mathematics</i> , 2021 , 76, 1	0.9	
2	A Degasperis-Procesi equation II with multi-peakon solutions. <i>Applied Mathematics Letters</i> , 2021 , 121, 107463	3.5	
1	Riemann-Hilbert approach and long-time asymptotics for the three-component derivative nonlinear Schrödinger equation. <i>Analysis and Mathematical Physics</i> , 2022 , 12, 1	1.3	