Xi-zhong Liu

List of Publications by Year
in descending order

26 papers	127 citations
1651377 6 h-index	1427216 11 g-index
26 all docs	26 docs citations
26 times ranked	81 citing authors

#	Article	IF	Citations
1	A nonlocal variable coefficient KdV equation: Bäcklund transformation and nonlinear waves. European Physical Journal Plus, 2020, 135, 1.	1.2	2
2	Residual Symmetry Reduction and Consistent Riccati Expansion to a Nonlinear Evolution Equation. Complexity, 2019, 2019, 1-9.	0.9	2
3	A nonlocal nonlinear Schrödinger equation derived from a two-layer fluid model. Nonlinear Dynamics, 2019, 96, 2103-2114.	2.7	5
4	A Study on Lump and Interaction Solutions to a (3‰+‰1)-Dimensional Soliton Equation. Complexity, 2019, 2019, 1-12.	0.9	1
5	New Bäcklund transformations of the (2 + 1)-dimensional Burgers system related to residual symmetry. European Physical Journal Plus, 2018, 133, 1.	1.2	4
6	New interaction solutions from residual symmetry reduction and consistent Riccati expansion of the (2 $$varvec{+}$$ + 1)-dimensional Boussinesq equation. Nonlinear Dynamics, 2018, 92, 1469-1479.	2.7	12
7	Residual symmetry analysis and CRE integrability of the (3 + 1) -dimensional Burgers system. European Physical Journal Plus, 2018, 133, 1.	1.2	2
8	Residual Symmetry Reduction and Consistent Riccati Expansion of the Generalized Kaup-Kupershmidt Equation. Communications in Theoretical Physics, 2018, 69, 625.	1.1	2
9	Residual symmetry, CRE integrability and interaction solutions of the (3+1)-dimensional breaking soliton equation. Physica Scripta, 2018, 93, 085201.	1.2	8
10	New Bäcklund transformations of the (2+1)-dimensional Bogoyavlenskii equation via localization of residual symmetries. Computers and Mathematics With Applications, 2018, 76, 1669-1679.	1.4	14
11	Dust acoustic waves in collisional uniform dense magnetoplasma. Chinese Physics B, 2017, 26, 015202.	0.7	1
12	Drift vortices in inhomogeneous collisional dusty magnetoplasma. Chinese Physics B, 2017, 26, 065202.	0.7	1
13	Nonlocal Symmetries and Interaction Solutions for Potential Kadomtsev–Petviashvili Equation. Communications in Theoretical Physics, 2016, 65, 341-346.	1.1	15
14	New solutions from nonlocal symmetry of the generalized fifth order KdV equation. Chinese Physics B, 2015, 24, 080202.	0.7	6
15	New Interaction Solutions of (3+1)-Dimensional KP and (2+1)-Dimensional Boussinesq Equations. Abstract and Applied Analysis, 2015, 2015, 1-7.	0.3	2
16	Nonlocal Symmetry Reductions, CTE Method and Exact Solutions for Higher-Order KdV Equation. Communications in Theoretical Physics, 2015, 63, 125-128.	1.1	24
17	Residual symmetry reductions and interaction solutions of the (2+1)-dimensional Burgers equation. Chinese Physics B, 2015, 24, 010203.	0.7	2
18	Explicit solutions from residual symmetry of the Boussinesq equation. Chinese Physics B, 2015, 24, 030202.	0.7	3

#	Article	IF	Citations
19	New interaction solutions of the Kadomtsevâ€"Petviashvili equation. Chinese Physics B, 2014, 23, 100201.	0.7	5
20	BÃ¤cklund transformations for the Burgers equation via localization of residual symmetries. Chinese Physics B, 2014, 23, 110203.	0.7	9
21	Solving Supersymmetric Hirotaâ€"Satsuma Equation by a Direct Bosonization Approach. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2013, 68, 539-546.	0.7	3
22	Conservation Laws Related to the Kac-Moody-Virasoro Structure of the Potential Nizhnik-Novikov-Veselov Equation. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2011, 66, 297-303.	0.7	0
23	Approximate Similarity Reduction for Perturbed Kaupâ€"Kupershmidt Equation via Lie Symmetry Method and Direct Method. Communications in Theoretical Physics, 2010, 54, 797-802.	1.1	1
24	Approximate similarity reduction for the perturbed mKdV equation via symmetry perturbation and direct method. Journal of Physics A: Mathematical and Theoretical, 2010, 43, 265203.	0.7	1
25	A study on a nonlocal coupled KdV system. Nonlinear Dynamics, 0, , 1.	2.7	0
26	Solitons and symmetry reduction solutions of a nonlocal twoâ€mode Kortewegâ€"de Vries equation. Mathematical Methods in the Applied Sciences, 0, , .	1.2	2