Xuelin

List of Publications by Year
in descending order

		1040056	713466
23 papers	**692** citations	**9** h-index	**21** g-index
23 all docs	**23** docs citations	**23** times ranked	**374** citing authors

#	Article	IF	Citations
1	Diversity of interaction solutions to the (2+1)-dimensional Ito equation. Computers and Mathematics With Applications, 2018, 75, 289-295.	2.7	284
2	Soliton solutions to the B-type Kadomtsev–Petviashvili equation under general dispersion relations. Wave Motion, 2021, 103, 102719.	2.0	108
3	Lump solutions to the Kadomtsev–Petviashvili I equation with a self-consistent source. Computers and Mathematics With Applications, 2018, 75, 3414-3419.	2.7	91
4	A new mapping method and its applications to nonlinear partial differential equations. Physics Letters, Section A: General, Atomic and Solid State Physics, 2008, 372, 6602-6607.	2.1	70
5	Symmetry analysis for Whitham-Broer-Kaup equations. Journal of Nonlinear Mathematical Physics, 2008, 15, 383.	1.3	24
6	General lump-type solutions of the (3+1)-dimensional Jimbo–Miwa equation. Applied Mathematics Letters, 2018, 86, 222-228.	2.7	15
7	Singularity analysis and explicit solutions of a new coupled nonlinear Schrödinger type equation. Communications in Nonlinear Science and Numerical Simulation, 2011, 16, 2513-2518.	3.3	12
8	On the Darboux transformation of a generalized inhomogeneous higher-order nonlinear Schrödinger equation. Nonlinear Dynamics, 2017, 87, 75-82.	5.2	12
9	Symbolic computation of Jacobi elliptic function solutions to nonlinear differential-difference equations. Computers and Mathematics With Applications, 2009, 57, 1107-1114.	2.7	10
10	Deformed soliton, breather and rogue wave solutions of an inhomogeneous nonlinear Hirota equation. Communications in Nonlinear Science and Numerical Simulation, 2015, 29, 257-266.	3.3	9
11	Bäcklund transformation, nonlinear superposition formula and solutions of the Calogero equation. Physics Letters, Section A: General, Atomic and Solid State Physics, 2008, 372, 6273-6279.	2.1	8
12	Darboux transformation and solitons for an integrable nonautonomous nonlinear integro-differential Schrödinger equation. Modern Physics Letters B, 2017, 31, 1750276.	1.9	8
13	Variable separation solutions to the coupled integrable dispersionless equations. Applied Mathematics and Computation, 2014, 235, 358-363.	2.2	7
14	Equivalence transformations and differential invariants of a generalized cubic–quintic nonlinear Schrödinger equation with variable coefficients. Nonlinear Dynamics, 2020, 102, 339-348.	5.2	7
15	Symmetry-based optimal portfolio for a DC pension plan under a CEV model with power utility. Nonlinear Dynamics, 2021, 103, 1775-1783.	5.2	7
16	Soliton fission and fusion of a new two-component Korteweg–de Vries (KdV) equation. Computers and Mathematics With Applications, 2011, 62, 1765-1771.	2.7	6
17	Optimal portfolio for a defined-contribution pension plan under a constant elasticity of variance model with exponential utility. Frontiers of Mathematics in China, 2020, 15, 1001-1009.	0.7	6
18	Symmetry, Pulson Solution, and Conservation Laws of the Holm-Hone Equation. Advances in Mathematical Physics, 2019, 2019, 1-6.	0.8	3

#	Article	IF	Citations
19	Lie symmetry analysis for a generalized Conde-Gordoa-Pickering equation via equivalence transformations. Chinese Journal of Physics, 2020, 66, 430-435.	3.9	3
20	Mixed Rational-Exponential Solutions to the Kadomtsev-Petviashvili-II Equation with a Self-Consistent Source. Advances in Mathematical Physics, 2020, 2020, 1-5.	0.8	1
21	Equivalence transformations of a generalized fifth-order KdV equation with variable coefficients. Partial Differential Equations in Applied Mathematics, 2022, 5, 100224.	2.4	1
22	On the even solutions of the Toda system: a degree argument approach. Communications on Pure and Applied Analysis, 2021, .	0.8	0
23	Equivalence transformations of a fifth-order partial differential equation with variable-coefficients. Applied Mathematics Letters, 2022, 123, 107564.	2.7	0