Yu-Feng Zhang

List of Publications by Year
in descending order

56 papers	**521** citations	687363 **13** h-index	752698 **20** g-index
58 all docs	**58** docs citations	**58** times ranked	**269** citing authors

#	Article	IF	Citations
1	Several Isospectral and Non-Isospectral Integrable Hierarchies of Evolution Equations. Symmetry, 2022, 14, 402.	2.2	0
2	Spectral analysis and long-time asymptotics of complex mKdV equation. Journal of Mathematical Physics, 2022, 63, .	1.1	5
3	Variational iteration method for two fractional systems with boundary conditions. Thermal Science, 2022, 26, 2653-2661.	1.1	3
4	Lie symmetry analysis, analytical solutions and conservation laws to the coupled time fractional variant Boussinesq equations. Waves in Random and Complex Media, 2021, 31, 182-197.	2.7	3
5	Self-adjointness and conservation laws of Burgers-type equations. Modern Physics Letters B, 2021, 35, 2150161.	1.9	5
6	Breathers and multiple rogue waves solutions of the (3+1)-dimensional Jimboâ€"Miwa equation. Modern Physics Letters B, 2021, 35, 2150183.	1.9	1
7	Line Soliton Interactions for Shallow Ocean Waves and Novel Solutions with Peakon, Ring, Conical, Columnar, and Lump Structures Based on Fractional KP Equation. Advances in Mathematical Physics, 2021, 2021, 1-15.	0.8	13
8	Generalized Darboux transformation, semi-rational solutions and novel degenerate soliton solutions for a coupled nonlinear SchrÃ¶dinger equation. European Physical Journal Plus, 2021, 136, 1.	2.6	4
9	A Kind of Generalized Integrable Couplings and Their Bi-Hamiltonian Structure. International Journal of Theoretical Physics, 2021, 60, 1797-1812.	1.2	4
10	Fractional Rogue Waves with Translational Coordination, Steep Crest, and Modified Asymmetry. Complexity, 2021, 2021, 1-14.	1.6	2
11	A nonisospectral integrable model of AKNS hierarchy and KN hierarchy, as well as its extended system. International Journal of Geometric Methods in Modern Physics, 2021, 18, 2150156.	2.0	4
12	Conservation laws of some multi-component integrable systems. Modern Physics Letters B, 2021, 35, 2150405.	1.9	0
13	$$\arpartial$$-dressing method for a few $$(2+1)$$-dimensional integrable coupling systems. Theoretical and Mathematical Physics(Russian Federation), 2021, 208, 1239-1255.	0.9	3
14	Analytical methods for non-linear fractional Kolmogorov-Petrovskii-Piskunov equation: Soliton solution and operator solution. Thermal Science, 2021, 25, 2161-2168.	1.1	4
15	Dynamics of abundant solutions to the generalized (3+1)-dimensional B-type Kadomtsevâ€"Petviashvili equation. Modern Physics Letters B, 2021, 35, 2150110.	1.9	0
16	Abundant rogue wave solutions for the (2Â+Â1)-dimensional generalized Kortewegâ€"de Vries equation. International Journal of Nonlinear Sciences and Numerical Simulation, 2021, 22, 999-1010.	1.0	4
17	A New Application of the $${ar{\partial }}$$-Method. Journal of Nonlinear Mathematical Physics, 2021, 28, 492-506.	1.3	5
18	Application of the $$\arpartial$$-dressing method to a $$(2+1)$$-dimensional equation. Theoretical and Mathematical Physics(Russian Federation), 2021, 209, 1717-1725.	0.9	8

#	Article	IF	Citations
19	Resonant multiple wave solutions, complexiton solutions and rogue waves of a generalized (3+1)-dimensional nonlinear wave in liquid with gas bubbles. Waves in Random and Complex Media, 2020, 30, 470-480.	2.7	20
20	Dynamics of breather waves and rogue waves on a soliton background in the coupled Hirota systems. Mathematical Methods in the Applied Sciences, 2020, 43, 799-807.	2.3	1
21	Some exact solutions and infinite conservation laws of an extended KdV integrable system. Modern Physics Letters B, 2020, 34, 2050285.	1.9	2
22	Two Nonisospectral Integrable Hierarchies and its Integrable Coupling. International Journal of Theoretical Physics, 2020, 59, 2529-2539.	1.2	10
23	Multiple breathers and high-order rational solutions of the new generalized (3+1)-dimensional Kadomtsev–Petviashvili equation. European Physical Journal Plus, 2020, 135, 1.	2.6	7
24	MULTIPLE EXACT SOLUTIONS OF THE GENERALIZED TIME FRACTIONAL FOAM DRAINAGE EQUATION. Fractals, 2020, 28, 2050062.	3.7	9
25	Optimal systems, similarity reductions and new conservation laws for the classical Boussinesq–Burgers system. European Physical Journal Plus, 2020, 135, 1.	2.6	5
26	High-order rogue waves of the generalized (3+1)-dimensional nonlinear wave in liquid with gas bubbles. European Physical Journal Plus, 2020, 135, 1.	2.6	6
27	Residual Symmetries and Bäcklund Transformations of (2+1)-Dimensional Strongly Coupled Burgers System. Advances in Mathematical Physics, 2020, 2020, 1-8.	0.8	1
28	Multiple rogue wave solutions of the (3+1)-dimensional Kadomtsev–Petviashvili–Boussinesq equation. Zeitschrift Fur Angewandte Mathematik Und Physik, 2019, 70, 1.	1.4	13
29	Some symmetries and similarity solutions of the long-water wave hierarchy. Modern Physics Letters B, 2019, 33, 1950430.	1.9	0
30	Riemann–Hilbert approach for multi-soliton solutions of a fourth-order nonlinear Schrödinger equation. Modern Physics Letters B, 2019, 33, 1950416.	1.9	6
31	Periodic and decay mode solutions of the generalized variable-coefficient Korteweg–de Vries equation. Modern Physics Letters B, 2019, 33, 1950234.	1.9	3
32	Nonlinear dynamics behavior of the (2+1)-dimensional Sawada–Kotera equation. Modern Physics Letters B, 2019, 33, 1950355.	1.9	0
33	Multiple rogue wave solutions for a (3+1)-dimensional Hirota bilinear equation. Applied Mathematics Letters, 2019, 98, 184-190.	2.7	37
34	Fifth-order b-family Novikov (FObFN) model with pseudo-peakons and multi-peakons. Modern Physics Letters B, 2019, 33, 1950205.	1.9	8
35	Time-fractional Drinfeld-Sokolov-Wilson system: Lie symmetry analysis, analytical solutions and conservation laws. European Physical Journal Plus, 2019, 134, 1.	2.6	4
36	Optical soliton solutions, explicit power series solutions and linear stability analysis of the quintic derivative nonlinear Schrödinger equation. Optical and Quantum Electronics, 2019, 51, 1.	3.3	5

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37	New exact solutions for the $$(3+1)$$ (3 + 1) -dimensional potential-YTSF equation by symbolic calculation. Pramana - Journal of Physics, 2019, 92, 1.	1.8	6
38	Some Exact Solutions and Conservation Laws of the Coupled Time-Fractional Boussinesq-Burgers System. Symmetry, 2019, 11, 77.	2.2	17
39	Integrability and lump-type solutions to the 3-D Kadomtsev-Petviashvili-Boussinesq-like equation. Thermal Science, 2019, 23, 2373-2380.	1.1	2
40	A new approach for finding standard heat equation and a special Newell-whitehead equation. Thermal Science, 2019, 23, 1629-1636.	1.1	0
41	Lump, periodic lump and interaction lump stripe solutions to the (2+1)-dimensional B-type Kadomtsevâ€"Petviashvili equation. Modern Physics Letters B, 2018, 32, 1850106.	1.9	34
42	Non-linear Dynamics and Exact Solutions for the Variable-Coefficient Modified Kortewegâ€"de Vries Equation. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2018, 73, 143-149.	1.5	14
43	Analytical study of exact solutions of the nonlinear Kortewegâ€"de Vries equation with spaceâ€"time fractional derivatives. Modern Physics Letters B, 2018, 32, 1850012.	1.9	25
44	Topological soliton solutions for three shallow water waves models. Waves in Random and Complex Media, 2018, 28, 508-515.	2.7	14
45	Families of exact solutions of the generalized (3+1)-dimensional nonlinear-wave equation. Modern Physics Letters B, 2018, 32, 1850359.	1.9	19
46	Complexiton and resonant multiple wave solutions to the (2+1)-dimensional Konopelchenkoâ€"Dubrovsky equation. Computers and Mathematics With Applications, 2018, 76, 845-853.	2.7	16
47	Symmetry properties and explicit solutions of some nonlinear differential and fractional equations. Applied Mathematics and Computation, 2018, 337, 408-418.	2.2	33
48	Upon Generating Discrete Expanding Integrable Models of the Toda Lattice Systems and Infinite Conservation Laws. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2017, 72, 77-86.	1.5	5
49	A fractional Whitham-Broer-Kaup equation and its possible application to Tsunami prevention. Thermal Science, 2017, 21, 1847-1855.	1.1	10
50	Exact traveling wave solutions for a new nonlinear heat transfer equation. Thermal Science, 2017, 21, 1833-1838.	1.1	17
51	A short review on analytical methods for fractional equations with heâ€™s fractional derivative. Thermal Science, 2017, 21, 1567-1574.	1.1	9
52	Shallow water waves in porous medium for coast protection. Thermal Science, 2017, 21, 145-151.	1.1	6
53	New periodic wave solutions of (3+1)-dimensional soliton equation. Thermal Science, 2017, 21, 169-176.	1.1	20
54	On the Lie algebras, generalized symmetries and darboux transformations of the fifth-order evolution equations in shallow water. Chinese Annals of Mathematics Series B, 2015, 36, 543-560.	0.4	67

#	Article	IF	Citations
55	Robust Suboptimal Control of HiMAT Vehicle Based on Improved Genetic Algorithm. , 2010, , .		2
56	On the time-fractional coupled Burger equation: Lie symmetry reductions, approximate solutions and conservation laws. Waves in Random and Complex Media, 0, , 1-16.	2.7	0