Liu Jian gen

List of Publications by Year
in descending order

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42 papers	742 citations	430874 18 h-index	580821 25 g-index
42 all docs	42 docs citations	42 times ranked	321 citing authors

#	Article	IF	Citations
1	On integrability of the time fractional nonlinear heat conduction equation. Journal of Geometry and Physics, 2019, 144, 190-198.	1.4	65
2	On group analysis of the time fractional extended (2+1)-dimensional Zakharovâ€“Kuznetsov equation in quantum magneto-plasmas. Mathematics and Computers in Simulation, 2020, 178, 407-421.	4.4	46
3	On integrability of the higher dimensional time fractional KdV-type equation. Journal of Geometry and Physics, 2021, 160, 104000.	1.4	43
4	On fractional symmetry group scheme to the higher-dimensional space and time fractional dissipative Burgers equation. International Journal of Geometric Methods in Modern Physics, 2022, 19, .	2.0	40
5	Resonant soliton and complexiton solutions for <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="mml7" display="inline" overflow="scroll" altimg="si7.gif"><mml:mrow><mml:mo>(</mml:mo><mml:mn>3</mml:mn><mml:mo>+</mml:mo><mml:mn>1</mml:mn><mml:mo) Boitiâ€“Leonâ€“Mannaâ€“Pempinelli equation. Computers and Mathematics With Applications, 2018, 75, 3939-3945.	2.7	34
6	Construction of lump soliton and mixed lump stripe solutions of (3+1)-dimensional soliton equation. Results in Physics, 2018, 10, 94-98.	4.1	34
7	On the generalized time fractional diffusion equation: Symmetry analysis, conservation laws, optimal system and exact solutions. International Journal of Geometric Methods in Modern Physics, 2020, 17, 2050013.	2.0	33
8	On the (N+1)â€dimensional local fractional reduced differential transform method and its applications. Mathematical Methods in the Applied Sciences, 2020, 43, 8856-8866.	2.3	31
9	Abound rogue wave type solutions to the extended (3+1)-dimensional Jimboâ€“Miwa equation. Computers and Mathematics With Applications, 2019, 78, 1947-1959.	2.7	27
10	On integrability of the extended (3+1)â€dimensional Jimboâ€Miwa equation. Mathematical Methods in the Applied Sciences, 2020, 43, 1646-1659.	2.3	26
11	Group analysis to the time fractional nonlinear wave equation. International Journal of Mathematics, 2020, 31, 2050029.	0.5	26
12	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
13	A NEW PERSPECTIVE TO STUDY THE THIRD-ORDER MODIFIED KDV EQUATION ON FRACTAL SET. Fractals, 2020, 28, 2050110.	3.7	24
14	Characteristic of the algebraic traveling wave solutions for two extended (2 + 1)-dimensional Kadomtsevâ€“Petviashvili equations. Modern Physics Letters A, 2020, 35, 2050028.	1.2	23
15	Analytical solutions of some integral fractional differentialâ€“difference equations. Modern Physics Letters B, 2020, 34, 2050009.	1.9	21
16	New fractional derivative with sigmoid function as the kernel and its models. Chinese Journal of Physics, 2020, 68, 533-541.	3.9	21
17	GROUP ANALYSIS OF THE TIME FRACTIONAL (3 + 1)-DIMENSIONAL KDV-TYPE EQUATION. Fractals, 2021, 29, 2150169.	3.7	21
18	New periodic wave solutions of (3+1)-dimensional soliton equation. Thermal Science, 2017, 21, 169-176.	1.1	20

#	Article	IF	Citations
19	Resonant multiple wave solutions to some integrable soliton equations*. Chinese Physics B, 2019, 28, 110202.	1.4	18
20	Some Exact Solutions and Conservation Laws of the Coupled Time-Fractional Boussinesq-Burgers System. Symmetry, 2019, 11, 77.	2.2	17
21	Fundamental results to the weighted Caputo-type differential operator. Applied Mathematics Letters, 2021, 121, 107421.	2.7	15
22	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
23	Topological soliton solutions for three shallow water waves models. Waves in Random and Complex Media, 2018, 28, 508-515.	2.7	14
24	On the theory of the fractal scaling-law elasticity. Meccanica, 2022, 57, 943-955.	2.0	13
25	A new insight to the scaling-law fluid associated with the Mandelbrot scaling law. Thermal Science, 2021, 25, 4561-4568.	1.1	12
26	A short review on analytical methods for fractional equations with heâ€™s fractional derivative. Thermal Science, 2017, 21, 1567-1574.	1.1	9
27	NEW PERSPECTIVE AIMED AT LOCAL FRACTIONAL ORDER MEMRISTOR MODEL ON CANTOR SETS. Fractals, 2021, 29, 2150011.	3.7	8
28	Rheological analysis of the general fractional-order viscoelastic model involving the Millerâ€“Ross kernel. Acta Mechanica, 2021, 232, 3141-3148.	2.1	7
29	A new fractional derivative model for the anomalous diffusion problem. Thermal Science, 2019, 23, 1005-1011.	1.1	7
30	ON THE GENERALIZED WEIGHTED CAPUTO-TYPE DIFFERENTIAL OPERATOR. Fractals, 2022, 30, .	3.7	7
31	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
32	Numerical solutions and conservation laws of the time fractional coupled WBKâ€type system. Mathematical Methods in the Applied Sciences, 2021, 44, 4105-4116.	2.3	6
33	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
34	Exploration of the algebraic traveling wave solutions of a higher order model. Engineering Computations, 2021, 38, 618-631.	1.4	5
35	Symmetry analysis of the generalized space and time fractional Kortewegâ€“de Vries equation. International Journal of Geometric Methods in Modern Physics, 2021, 18, .	2.0	5
36	A new viewpoint on theory of the scaling-law heat conduction process. Thermal Science, 2021, 25, 4505-4513.	1.1	4

#	Article	IF	Citations
37	Periodic and decay mode solutions of the generalized variable-coefficient Kortewegâ€“de Vries equation. Modern Physics Letters B, 2019, 33, 1950234.	1.9	3
38	Anomalous diffusion equation using a new general fractional derivative within the Millerâ€“Ross kernel. Modern Physics Letters B, 2020, 34, 2050289.	1.9	3
39	ANALYSIS OF THE TIME FRACTIONAL NONLINEAR DIFFUSION EQUATION FROM DIFFUSION PROCESS. Journal of Applied Analysis and Computation, 2020, 10, 1060-1072.	0.5	3
40	Lie group analysis of fractal differential-difference equations. Fractals, 0, , .	3.7	1
41	A new general fractional-order wave model involving Miller-Ross kernel. Thermal Science, 2019, 23, 953-957.	1.1	0
42	A new general fractional derivative Goldstein-Kac-type telegraph equation. Thermal Science, 2020, 24, 3893-3898.	1.1	0