

# Liu Jian gen

## List of Publications by Year in descending order

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times ranked

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#	ARTICLE	IF	CITATIONS
1	On the theory of the fractal scaling-law elasticity. <i>Meccanica</i> , 2022, 57, 943-955.	2.0	13
2	ON THE GENERALIZED WEIGHTED CAPUTO-TYPE DIFFERENTIAL OPERATOR. <i>Fractals</i> , 2022, 30, .	3.7	7
3	On fractional symmetry group scheme to the higher-dimensional space and time fractional dissipative Burgers equation. <i>International Journal of Geometric Methods in Modern Physics</i> , 2022, 19, .	2.0	40
4	On integrability of the higher dimensional time fractional KdV-type equation. <i>Journal of Geometry and Physics</i> , 2021, 160, 104000.	1.4	43
5	Exploration of the algebraic traveling wave solutions of a higher order model. <i>Engineering Computations</i> , 2021, 38, 618-631.	1.4	5
6	Numerical solutions and conservation laws of the time fractional coupled WBK-type system. <i>Mathematical Methods in the Applied Sciences</i> , 2021, 44, 4105-4116.	2.3	6
7	NEW PERSPECTIVE AIMED AT LOCAL FRACTIONAL ORDER MEMRISTOR MODEL ON CANTOR SETS. <i>Fractals</i> , 2021, 29, 2150011.	3.7	8
8	Rheological analysis of the general fractional-order viscoelastic model involving the Miller-Ross kernel. <i>Acta Mechanica</i> , 2021, 232, 3141-3148.	2.1	7
9	GROUP ANALYSIS OF THE TIME FRACTIONAL (3 + 1)-DIMENSIONAL KDV-TYPE EQUATION. <i>Fractals</i> , 2021, 29, 2150169.	3.7	21
10	Fundamental results to the weighted Caputo-type differential operator. <i>Applied Mathematics Letters</i> , 2021, 121, 107421.	2.7	15
11	Symmetry analysis of the generalized space and time fractional Korteweg-de Vries equation. <i>International Journal of Geometric Methods in Modern Physics</i> , 2021, 18, .	2.0	5
12	A new insight to the scaling-law fluid associated with the Mandelbrot scaling law. <i>Thermal Science</i> , 2021, 25, 4561-4568.	1.1	12
13	A new viewpoint on theory of the scaling-law heat conduction process. <i>Thermal Science</i> , 2021, 25, 4505-4513.	1.1	4
14	Characteristic of the algebraic traveling wave solutions for two extended (2 + 1)-dimensional Kadomtsev-Petviashvili equations. <i>Modern Physics Letters A</i> , 2020, 35, 2050028.	1.2	23
15	On integrability of the extended (3+1)-dimensional Jimbo-Miwa equation. <i>Mathematical Methods in the Applied Sciences</i> , 2020, 43, 1646-1659.	2.3	26
16	Analytical solutions of some integral fractional differential-difference equations. <i>Modern Physics Letters B</i> , 2020, 34, 2050009.	1.9	21
17	New fractional derivative with sigmoid function as the kernel and its models. <i>Chinese Journal of Physics</i> , 2020, 68, 533-541.	3.9	21
18	On the (N+1)-dimensional local fractional reduced differential transform method and its applications. <i>Mathematical Methods in the Applied Sciences</i> , 2020, 43, 8856-8866.	2.3	31

#	ARTICLE	IF	CITATIONS
19	A NEW PERSPECTIVE TO STUDY THE THIRD-ORDER MODIFIED KDV EQUATION ON FRACTAL SET. <i>Fractals</i> , 2020, 28, 2050110.	3.7	24
20	Anomalous diffusion equation using a new general fractional derivative within the Miller-Ross kernel. <i>Modern Physics Letters B</i> , 2020, 34, 2050289.	1.9	3
21	On the generalized time fractional diffusion equation: Symmetry analysis, conservation laws, optimal system and exact solutions. <i>International Journal of Geometric Methods in Modern Physics</i> , 2020, 17, 2050013.	2.0	33
22	On group analysis of the time fractional extended (2+1)-dimensional Zakharov-Kuznetsov equation in quantum magneto-plasmas. <i>Mathematics and Computers in Simulation</i> , 2020, 178, 407-421.	4.4	46
23	Group analysis to the time fractional nonlinear wave equation. <i>International Journal of Mathematics</i> , 2020, 31, 2050029.	0.5	26
24	ANALYSIS OF THE TIME FRACTIONAL NONLINEAR DIFFUSION EQUATION FROM DIFFUSION PROCESS. <i>Journal of Applied Analysis and Computation</i> , 2020, 10, 1060-1072.	0.5	3
25	A new general fractional derivative Goldstein-Kac-type telegraph equation. <i>Thermal Science</i> , 2020, 24, 3893-3898.	1.1	0
26	Resonant multiple wave solutions to some integrable soliton equations*. <i>Chinese Physics B</i> , 2019, 28, 110202.	1.4	18
27	Periodic and decay mode solutions of the generalized variable-coefficient Korteweg-de Vries equation. <i>Modern Physics Letters B</i> , 2019, 33, 1950234.	1.9	3
28	On integrability of the time fractional nonlinear heat conduction equation. <i>Journal of Geometry and Physics</i> , 2019, 144, 190-198.	1.4	65
29	Abound rogue wave type solutions to the extended (3+1)-dimensional Jimbo-Miwa equation. <i>Computers and Mathematics With Applications</i> , 2019, 78, 1947-1959.	2.7	27
30	New exact solutions for the $(3+1)$ -dimensional potential-YTSF equation by symbolic calculation. <i>Pramana - Journal of Physics</i> , 2019, 92, 1.	1.8	6
31	Some Exact Solutions and Conservation Laws of the Coupled Time-Fractional Boussinesq-Burgers System. <i>Symmetry</i> , 2019, 11, 77.	2.2	17
32	A new fractional derivative model for the anomalous diffusion problem. <i>Thermal Science</i> , 2019, 23, 1005-1011.	1.1	7
33	A new general fractional-order wave model involving Miller-Ross kernel. <i>Thermal Science</i> , 2019, 23, 953-957.	1.1	0
34	Non-linear Dynamics and Exact Solutions for the Variable-Coefficient Modified Korteweg-de Vries Equation. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2018, 73, 143-149.	1.5	14
35	Analytical study of exact solutions of the nonlinear Korteweg-de Vries equation with space-time fractional derivatives. <i>Modern Physics Letters B</i> , 2018, 32, 1850012.	1.9	25
36	Resonant soliton and complexiton solutions for $\frac{\partial^2 u}{\partial x^2} + \frac{\partial u}{\partial x} + u \frac{\partial u}{\partial x} = 0$ Boiti-Leon-Manna-Pempinelli equation. <i>Computers and Mathematics With Applications</i> , 2018, 75, 3939-3945.	2.7	31

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37	Topological soliton solutions for three shallow water waves models. Waves in Random and Complex Media, 2018, 28, 508-515.	2.7	14
38	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
39	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
40	A short review on analytical methods for fractional equations with heâ€™s fractional derivative. Thermal Science, 2017, 21, 1567-1574.	1.1	9
41	New periodic wave solutions of (3+1)-dimensional soliton equation. Thermal Science, 2017, 21, 169-176.	1.1	20
42	Lie group analysis of fractal differential-difference equations. Fractals, 0, , .	3.7	1