

Stanislav Yu Lukashchuk

List of Publications by Year in descending order

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papers

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citations

1040056

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g-index

30
all docs

30
docs citations

30
times ranked

227
citing authors

#	ARTICLE	IF	CITATIONS
1	A fast algorithm for fractional Helmholtz equation with application to electromagnetic waves propagation. Applied Mathematics and Computation, 2022, 416, 126728.	2.2	3
2	On the Property of Linear Autonomy for Symmetries of Fractional Differential Equations and Systems. Mathematics, 2022, 10, 2319.	2.2	0
3	Higher-Order Symmetries of a Time-Fractional Anomalous Diffusion Equation. Mathematics, 2021, 9, 216.	2.2	5
4	Factorization of the Fundamental Solution to Fractional Helmholtz Equation. Lobachevskii Journal of Mathematics, 2021, 42, 57-62.	0.9	2
5	Symmetry Group Classification and Conservation Laws of the Nonlinear Fractional Diffusion Equation with the Riesz Potential. Symmetry, 2020, 12, 178.	2.2	2
6	Numerical investigation of radial steady-state fluid flow model with Riesz potential. AIP Conference Proceedings, 2020, , .	0.4	0
7	Group classification and symmetry reduction of 3D nonlinear anomalous diffusion equation. AIP Conference Proceedings, 2020, , .	0.4	0
8	Numerical algorithms for a fractional generalization of the Poisson equation. AIP Conference Proceedings, 2020, , .	0.4	0
9	Approximate conservation laws for fractional differential equations. Communications in Nonlinear Science and Numerical Simulation, 2019, 68, 147-159.	3.3	11
10	Symmetries, conservation laws and group invariant solutions of fractional PDEs. , 2019, , 353-382.		7
11	Group classification and symmetry reduction of three-dimensional nonlinear anomalous diffusion equation. Ufimskij MatematiĚeskij Āurnal, 2019, 11, 13-26.	0.7	2
12	Approximate symmetry group classification for a nonlinear fractional filtration equation of diffusion-wave type. Nonlinear Dynamics, 2018, 93, 295-305.	5.2	8
13	Lie group analysis of 2â€dimensional spaceâ€fractional model for flow in porous media. Mathematical Methods in the Applied Sciences, 2018, 41, 9123-9133.	2.3	8
14	Symmetries and exact solutions of fractional filtration equations. AIP Conference Proceedings, 2017, , .	0.4	1
15	Approximations of Fractional Differential Equations and Approximate Symmetries. IFAC-PapersOnLine, 2017, 50, 14022-14027.	0.9	4
16	Approximation of ordinary fractional differential equations by differential equations with a small parameter. Vestnik Udmurtskogo Universiteta: Matematika, Mekhanika, Komp'yuternye Nauki, 2017, 27, 515-531.	0.2	3
17	Symmetry reduction and invariant solutions for nonlinear fractional diffusion equation with a source term. Ufimskij MatematiĚeskij Āurnal, 2016, 8, 111-122.	0.7	10
18	Conservation laws for time-fractional subdiffusion and diffusion-wave equations. Nonlinear Dynamics, 2015, 80, 791-802.	5.2	156

#	ARTICLE	IF	CITATIONS
19	Constructing conservation laws for fractional-order integro-differential equations. Theoretical and Mathematical Physics(Russian Federation), 2015, 184, 1049-1066.	0.9	21
20	Group classification of nonlinear time-fractional diffusion equation with a source term. Applied Mathematics and Computation, 2015, 257, 335-343.	2.2	30
21	Nonlinear self-adjointness, conservation laws and exact solutions of time-fractional Kompaneets equations. Communications in Nonlinear Science and Numerical Simulation, 2015, 23, 153-163.	3.3	115
22	Linearly autonomous symmetries of the ordinary fractional differential equations. , 2014, , .		6
23	An approximate solution method for ordinary fractional differential equations with the Riemannâ€Liouville fractional derivatives. Communications in Nonlinear Science and Numerical Simulation, 2014, 19, 390-400.	3.3	11
24	Time-fractional extensions of the Liouville and Zwanzig equations. Open Physics, 2013, 11, .	1.7	4
25	Estimation of parameters in fractional subdiffusion equations by the time integral characteristics method. Computers and Mathematics With Applications, 2011, 62, 834-844.	2.7	10
26	Group-Invariant Solutions of Fractional Differential Equations. , 2011, , 51-59.		18
27	Symmetry properties of fractional diffusion equations. Physica Scripta, 2009, T136, 014016.	2.5	209