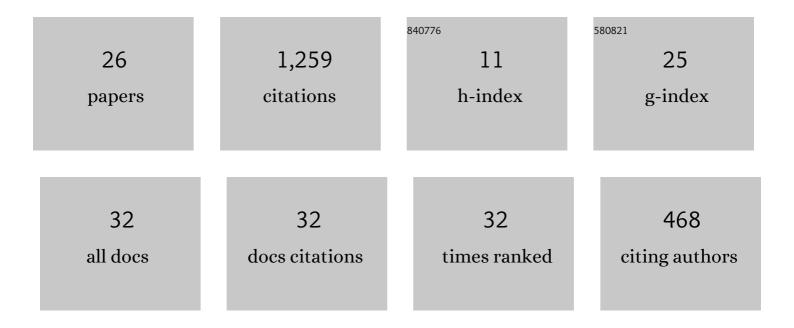
Anatoly A Alikhanov

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Stable numerical schemes for time-fractional diffusion equation with generalized memory kernel. Applied Numerical Mathematics, 2022, 172, 546-565.	2.1	10
2	A class of time-fractional diffusion equations with generalized fractional derivatives. Journal of Computational and Applied Mathematics, 2022, 414, 114424.	2.0	5
3	Numerical analysis of multi-term time-fractional nonlinear subdiffusion equations with time delay: What could possibly go wrong?. Communications in Nonlinear Science and Numerical Simulation, 2021, 96, 105672.	3.3	22
4	Local One-Dimensional Scheme for the First Initial-Boundary Value Problem for the Multidimensional Fractional-Order Convection–Diffusion Equation. Computational Mathematics and Mathematical Physics, 2021, 61, 1075-1093.	0.8	0
5	The Crank-Nicolson Type Compact Difference Schemes for a Loaded Time-Fractional Hallaire Equation. Fractional Calculus and Applied Analysis, 2021, 24, 1231-1256.	2.2	11
6	A multi-domain spectral collocation method for Volterra integral equations with a weakly singular kernel. Applied Numerical Mathematics, 2021, 167, 218-236.	2.1	9
7	A high-order L2 type difference scheme for the time-fractional diffusion equation. Applied Mathematics and Computation, 2021, 411, 126545.	2.2	13
8	Temporal second order difference schemes for the multi-dimensional variable-order time fractional sub-diffusion equations. Computers and Mathematics With Applications, 2020, 79, 2952-2972.	2.7	35
9	Contribution of Surface Photons to the Thermal Emission of Graphene. Journal of Surface Investigation, 2018, 12, 332-335.	0.5	1
10	Application of nonlinear voxel distribution grid for computational speed-up for linear tomosynthesis reconstruction. , 2018, , .		0
11	Fast Iterative Method with a Second-Order Implicit Difference Scheme for Time-Space Fractional Convection–Diffusion Equation. Journal of Scientific Computing, 2017, 72, 957-985.	2.3	84
12	Simulation of drift-diffusion transport of charge carriers in semiconductor layers with a fractal structure in an alternating electric field. Semiconductors, 2017, 51, 755-759.	0.5	3
13	The Temporal Second Order Difference Schemes Based on the Interpolation Approximation for Solving the Time Multi-term and Distributed-Order Fractional Sub-diffusion Equations. Journal of Scientific Computing, 2017, 73, 93-121.	2.3	81
14	A Time-Fractional Diffusion Equation with Generalized Memory Kernel in Differential and Difference Settings with Smooth Solutions. Computational Methods in Applied Mathematics, 2017, 17, 647-660.	0.8	14
15	A Difference Method for Solving the Steklov Nonlocal Boundary Value Problem of Second Kind for the Time-Fractional Diffusion Equation. Computational Methods in Applied Mathematics, 2017, 17, 1-16.	0.8	11
16	Stability and convergence of difference schemes for boundary value problems for the fractional-order diffusion equation. Computational Mathematics and Mathematical Physics, 2016, 56, 561-575.	0.8	8
17	Numerical methods of solutions of boundary value problems for the multi-term variable-distributed order diffusion equation. Applied Mathematics and Computation, 2015, 268, 12-22.	2.2	60
18	Stability and convergence of difference schemes approximating a nonlocal Steklov boundary value problem of the second class. Differential Equations, 2015, 51, 94-106.	0.7	2

Ανατοιύ Α Αιικηανον

#	Article	IF	CITATIONS
19	Stability and Convergence of Difference Schemes Approximating a Two-Parameter Nonlocal Boundary Value Problem for Time-Fractional Diffusion Equation. Computational Mathematics and Modeling, 2015, 26, 252-272.	0.5	10
20	A new difference scheme for the time fractional diffusion equation. Journal of Computational Physics, 2015, 280, 424-438.	3.8	554
21	Stability and convergence of difference schemes approximating a two-parameter nonlocal boundary value problem. Differential Equations, 2013, 49, 796-806.	0.7	6
22	Boundary value problems for the diffusion equation of the variable order in differential and difference settings. Applied Mathematics and Computation, 2012, 219, 3938-3946.	2.2	59
23	A priori estimates for solutions of boundary value problems for fractional-order equations. Differential Equations, 2010, 46, 660-666.	0.7	196
24	On the stability and convergence of nonlocal difference schemes. Differential Equations, 2010, 46, 949-961.	0.7	14
25	Boundary value problems for certain classes of loaded differential equations and solving them by finite difference methods. Computational Mathematics and Mathematical Physics, 2008, 48, 1581-1590.	0.8	40
26	Nonlocal boundary value problems in differential and difference settings. Differential Equations, 2008, 44, 952-959.	0.7	10