

Hu Chen

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Pointwise-in-time error estimate of an ADI scheme for two-dimensional multi-term subdiffusion equation. <i>Journal of Applied Mathematics and Computing</i> , 2023, 69, 707-729.	1.2	5
2	On the convergence and superconvergence for a class of two-dimensional time fractional reaction-subdiffusion equations. <i>Numerical Methods for Partial Differential Equations</i> , 2023, 39, 481-500.	2.0	1
3	Sharp error estimate of a Crank-Nicolson-Letnikov scheme for reaction-subdiffusion equations. <i>Numerical Algorithms</i> , 2022, 89, 1465-1477.	1.1	5
4	Using Complete Monotonicity to Deduce Local Error Estimates for Discretisations of a Multi-Term Time-Fractional Diffusion Equation. <i>Computational Methods in Applied Mathematics</i> , 2022, 22, 15-29.	0.4	7
5	ϵ -robust error estimate of nonuniform Alikhanov scheme for fractional sub-diffusion equation. <i>Applied Mathematics Letters</i> , 2022, 125, 107771.	1.5	4
6	Local H1-norm error analysis of a mixed finite element method for a time-fractional biharmonic equation. <i>Applied Numerical Mathematics</i> , 2022, 173, 211-221.	1.2	4
7	ϵ -Robust Superconvergent Analysis of a Finite Element Method for the Distributed Order Time-Fractional Diffusion Equation. <i>Journal of Scientific Computing</i> , 2022, 90, 1.	1.1	14
8	Local error estimate of L1 scheme for linearized time fractional KdV equation with weakly singular solutions. <i>Applied Numerical Mathematics</i> , 2022, 179, 183-190.	1.2	1
9	Blow-up of error estimates in time-fractional initial-boundary value problems. <i>IMA Journal of Numerical Analysis</i> , 2021, 41, 974-997.	1.5	60
10	Convergence analysis of the anisotropic FEM for 2D time fractional variable coefficient diffusion equations on graded meshes. <i>Applied Mathematics Letters</i> , 2021, 111, 106604.	1.5	6
11	An ϵ -robust finite element method for a multi-term time-fractional diffusion problem. <i>Journal of Computational and Applied Mathematics</i> , 2021, 389, 113334.	1.1	20
12	ϵ -Robust H1-norm convergence analysis of ADI scheme for two-dimensional time-fractional diffusion equation. <i>Applied Numerical Mathematics</i> , 2021, 168, 75-83.	1.2	9
13	Pointwise error estimate of an alternating direction implicit difference scheme for two-dimensional time-fractional diffusion equation. <i>Computers and Mathematics With Applications</i> , 2021, 99, 155-161.	1.4	5
14	Error analysis of a fully discrete scheme for time fractional Schrödinger equation with initial singularity. <i>International Journal of Computer Mathematics</i> , 2020, 97, 1636-1647.	1.0	5
15	A discrete comparison principle for the time-fractional diffusion equation. <i>Computers and Mathematics With Applications</i> , 2020, 80, 917-922.	1.4	13
16	Analysis of two Legendre spectral approximations for the variable-coefficient fractional diffusion-wave equation. <i>Advances in Difference Equations</i> , 2019, 2019, .	3.5	0
17	A numerical method for distributed order time fractional diffusion equation with weakly singular solutions. <i>Applied Mathematics Letters</i> , 2019, 96, 159-165.	1.5	34
18	Finite difference/spectral approximation for a time-space fractional equation on two and three space dimensions. <i>Computers and Mathematics With Applications</i> , 2019, 78, 1937-1946.	1.4	4

#	ARTICLE	IF	CITATIONS
19	Spectral Approximations for Nonlinear Fractional Delay Diffusion Equations with Smooth and Nonsmooth Solutions. Taiwanese Journal of Mathematics, 2019, 23, .	0.2	1
20	An analysis of the GrÃ¼nwaldâ€™Letnikov scheme for initial-value problems with weakly singular solutions. Applied Numerical Mathematics, 2019, 139, 52-61.	1.2	27
21	L1 scheme on graded mesh for the linearized time fractional KdV equation with initial singularity. International Journal of Modeling, Simulation, and Scientific Computing, 2019, 10, 1941006.	0.9	10
22	Error Analysis of a Second-Order Method on Fitted Meshes for a Time-Fractional Diffusion Problem. Journal of Scientific Computing, 2019, 79, 624-647.	1.1	96
23	Gauss-Lobatto-Legendre-Birkhoff pseudospectral scheme for the time fractional reactionâ€™diffusion equation with Neumann boundary conditions. International Journal of Computer Mathematics, 2019, 96, 362-378.	1.0	5
24	A unified numerical scheme for the multi-term time fractional diffusion and diffusion-wave equations with variable coefficients. Journal of Computational and Applied Mathematics, 2018, 330, 380-397.	1.1	29
25	A Petrovâ€™Galerkin spectral method for the linearized time fractional KdV equation. International Journal of Computer Mathematics, 2018, 95, 1292-1307.	1.0	10
26	Finite difference scheme for multi-term variable-order fractional diffusion equation. Advances in Difference Equations, 2018, 2018, .	3.5	13
27	Spectral method for the fractional diffusion-wave equation with variable coefficients. , 2017, , .		0
28	A Fully Discrete Spectral Method for the Nonlinear Time Fractional Klein-Gordon Equation. Taiwanese Journal of Mathematics, 2017, 21, .	0.2	16
29	Finite difference/spectral approximations for the distributed order time fractional reactionâ€™diffusion equation on an unbounded domain. Journal of Computational Physics, 2016, 315, 84-97.	1.9	56
30	Spectral and pseudospectral approximations for the time fractional diffusion equation on an unbounded domain. Journal of Computational and Applied Mathematics, 2016, 304, 43-56.	1.1	13
31	Spectral methods for the time fractional diffusionâ€™wave equation in a semi-infinite channel. Computers and Mathematics With Applications, 2016, 71, 1818-1830.	1.4	28