

Shujuan Liu

List of Publications by Year in descending order

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21
papers

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1163117

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21
all docs

21
docs citations

21
times ranked

176
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamics of the 3-D fractional complex Ginzburg-Landau equation. Journal of Differential Equations, 2015, 259, 5276-5301.	2.2	56
2	Finite difference/spectral approximations for the distributed order time fractional reaction-diffusion equation on an unbounded domain. Journal of Computational Physics, 2016, 315, 84-97.	3.8	56
3	Dynamics of the 3D fractional Ginzburg-Landau equation with multiplicative noise on an unbounded domain. Communications in Mathematical Sciences, 2016, 14, 273-295.	1.0	36
4	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.	2.0	29
5	Spectral methods for the time fractional diffusion-wave equation in a semi-infinite channel. Computers and Mathematics With Applications, 2016, 71, 1818-1830.	2.7	28
6	Finite difference/finite element method for two-dimensional time-space fractional Bloch-Torrey equations with variable coefficients on irregular convex domains. Computers and Mathematics With Applications, 2020, 80, 3173-3192.	2.7	13
7	Fourier spectral approximation to long-time behavior of three dimensional Ginzburg-Landau type equation*. Advances in Computational Mathematics, 2007, 27, 293-318.	1.6	11
8	A fully discrete spectral method for fractional Cattaneo equation based on Caputo-Fabrizio derivative. Numerical Methods for Partial Differential Equations, 2019, 35, 936-954.	3.6	10
9	Unconditional stability of alternating difference schemes with intrinsic parallelism for two-dimensional fourth-order diffusion equation. Computers and Mathematics With Applications, 2016, 71, 1944-1959.	2.7	8
10	Numerical approximation of 2D multi-term time and space fractional Bloch-Torrey equations involving the fractional Laplacian. Journal of Computational and Applied Mathematics, 2021, 393, 113519.	2.0	7
11	Convergence analysis of the anisotropic FEM for 2D time fractional variable coefficient diffusion equations on graded meshes. Applied Mathematics Letters, 2021, 111, 106604.	2.7	6
12	Gauss-Lobatto-Legendre-Birkhoff pseudospectral approximations for the multi-term time fractional diffusion-wave equation with Neumann boundary conditions. Numerical Methods for Partial Differential Equations, 2018, 34, 2217-2236.	3.6	5
13	Gauss-Lobatto-Legendre-Birkhoff pseudospectral scheme for the time fractional reaction-diffusion equation with Neumann boundary conditions. International Journal of Computer Mathematics, 2019, 96, 362-378.	1.8	5
14	Modified Legendre rational spectral method for the Burgers equation on the half-line. International Journal of Computer Mathematics, 2008, 85, 865-875.	1.8	2
15	A random attractor for the stochastic quasi-geostrophic dynamical system on unbounded domains. Nonlinear Analysis: Theory, Methods & Applications, 2013, 90, 96-112.	1.1	2
16	Hermite Pseudospectral Method for the Time Fractional Diffusion Equation with Variable Coefficients. International Journal of Nonlinear Sciences and Numerical Simulation, 2017, 18, 385-393.	1.0	2
17	Spectral approximation for nonlinear time fractional Schrödinger equation on graded meshes. International Journal of Computer Mathematics, 2022, 99, 2524-2541.	1.8	2
18	Analysis of Legendre pseudospectral approximations for nonlinear time fractional diffusion-wave equations. International Journal of Computer Mathematics, 2021, 98, 1769-1791.	1.8	1

#	ARTICLE	IF	CITATIONS
19	Chebyshev rational spectral method for long-short wave equations. International Journal of Computer Mathematics, 2017, 94, 2315-2334.	1.8	0
20	Regularity of attractor for 3D derivative Ginzburg-Landau equation. Dynamics of Partial Differential Equations, 2014, 11, 89-108.	0.9	0
21	Fourier spectral approximation for generalized time fractional Burgers equation. Journal of Applied Mathematics and Computing, 0, , 1.	2.5	0