

Jun-gang Wang

List of Publications by Year in descending order

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papers

690
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759233

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all docs

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29
times ranked

281
citing authors

#	ARTICLE	IF	CITATIONS
1	A Single-Step Correction Scheme of Crank-Nicolson Convolution Quadrature for the Subdiffusion Equation. <i>Journal of Scientific Computing</i> , 2021, 87, 1.	2.3	4
2	Finite element methods for fractional PDEs in three dimensions. <i>Applied Mathematics Letters</i> , 2020, 100, 106041.	2.7	7
3	A class of RBFs-based DQ methods for the space-fractional diffusion equations on 3D irregular domains. <i>Computational Mechanics</i> , 2020, 66, 221-238.	4.0	1
4	A Galerkin FEM for Riesz space-fractional CNLS. <i>Advances in Difference Equations</i> , 2019, 2019, .	3.5	0
5	On structure preserving and circulant preconditioners for the space fractional coupled nonlinear Schrödinger equations. <i>Numerical Linear Algebra With Applications</i> , 2018, 25, e2159.	1.6	3
6	Effective numerical treatment of sub-diffusion equation with non-smooth solution. <i>International Journal of Computer Mathematics</i> , 2018, 95, 1394-1407.	1.8	2
7	An iterative method for an inverse source problem of time-fractional diffusion equation. <i>Inverse Problems in Science and Engineering</i> , 2018, 26, 1509-1521.	1.2	14
8	Uniqueness and numerical scheme for the Robin coefficient identification of the time-fractional diffusion equation. <i>Computers and Mathematics With Applications</i> , 2018, 75, 4107-4114.	2.7	7
9	Numerical algorithms for multidimensional time-fractional wave equation of distributed-order with a nonlinear source term. <i>Advances in Difference Equations</i> , 2018, 2018, .	3.5	3
10	A numerical approach for the Riesz space-fractional Fisher' equation in two-dimensions. <i>International Journal of Computer Mathematics</i> , 2017, 94, 296-315.	1.8	29
11	On Preconditioners Based on HSS for the Space Fractional CNLS Equations. <i>East Asian Journal on Applied Mathematics</i> , 2017, 7, 70-81.	0.9	8
12	Numerical algorithm for three-dimensional space fractional advection diffusion equation. <i>IOP Conference Series: Earth and Environmental Science</i> , 2017, 69, 012127.	0.3	0
13	On partially inexact HSS iteration methods for the complex symmetric linear systems in space fractional CNLS equations. <i>Journal of Computational and Applied Mathematics</i> , 2017, 317, 128-136.	2.0	4
14	Finite element method for nonlinear Riesz space fractional diffusion equations on irregular domains. <i>Journal of Computational Physics</i> , 2017, 330, 863-883.	3.8	65
15	Convergence of Chebyshev type regularization method under Morozov discrepancy principle. <i>Applied Mathematics Letters</i> , 2017, 74, 174-180.	2.7	3
16	An exponential B-spline collocation method for the fractional sub-diffusion equation. <i>Advances in Difference Equations</i> , 2017, 2017, .	3.5	8
17	Determination of Robin coefficient in a fractional diffusion problem. <i>Applied Mathematical Modelling</i> , 2016, 40, 7948-7961.	4.2	24
18	On ADI-like iteration method for fractional diffusion equations. <i>Linear Algebra and Its Applications</i> , 2016, 493, 544-555.	0.9	3

#	ARTICLE	IF	CITATIONS
19	Quasi-reversibility method to identify a space-dependent source for the time-fractional diffusion equation. <i>Applied Mathematical Modelling</i> , 2015, 39, 6139-6149.	4.2	35
20	Optimal error bound and simplified Tikhonov regularization method for a backward problem for the time-fractional diffusion equation. <i>Journal of Computational and Applied Mathematics</i> , 2015, 279, 277-292.	2.0	28
21	On HSS-like iteration method for the space fractional coupled nonlinear Schrödinger equations. <i>Applied Mathematics and Computation</i> , 2015, 271, 482-488.	2.2	17
22	A modified quasi-boundary value method for the backward time-fractional diffusion problem. <i>ESAIM: Mathematical Modelling and Numerical Analysis</i> , 2014, 48, 603-621.	1.9	65
23	On preconditioned iterative methods for unsteady incompressible Navier–Stokes equations. <i>Applied Mathematics and Computation</i> , 2014, 234, 477-485.	2.2	0
24	A modified quasi-boundary value method for an inverse source problem of the time-fractional diffusion equation. <i>Applied Numerical Mathematics</i> , 2014, 78, 95-111.	2.1	139
25	An iterative method for backward time-fractional diffusion problem. <i>Numerical Methods for Partial Differential Equations</i> , 2014, 30, 2029-2041.	3.6	33
26	Two regularization methods to identify a space-dependent source for the time-fractional diffusion equation. <i>Applied Numerical Mathematics</i> , 2013, 68, 39-57.	2.1	87
27	A posteriori regularization parameter choice rule for the quasi-boundary value method for the backward time-fractional diffusion problem. <i>Applied Mathematics Letters</i> , 2013, 26, 741-747.	2.7	28
28	Tikhonov regularization method for a backward problem for the time-fractional diffusion equation. <i>Applied Mathematical Modelling</i> , 2013, 37, 8518-8532.	4.2	73
29	Using Gauss-Jacobi quadrature rule to improve the accuracy of FEM for spatial fractional problems. <i>Numerical Algorithms</i> , 0, , 1.	1.9	0