

Qifeng Zhang

List of Publications by Year in descending order

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26
papers

437
citations

623734

14
h-index

752698

20
g-index

26
all docs

26
docs citations

26
times ranked

155
citing authors

#	ARTICLE	IF	CITATIONS
1	Compact scheme for fractional diffusion-wave equation with spatial variable coefficient and delays. <i>Applicable Analysis</i> , 2022, 101, 1911-1932.	1.3	11
2	A conservative difference scheme with optimal pointwise error estimates for two-dimensional space fractional nonlinear Schrödinger equations. <i>Numerical Methods for Partial Differential Equations</i> , 2022, 38, 4-32.	3.6	2
3	Linearly compact scheme for 2D Sobolev equation with Burgers' type nonlinearity. <i>Numerical Algorithms</i> , 2022, 91, 1081-1114.	1.9	12
4	High-order compact schemes for semilinear parabolic moving boundary problems. <i>Applied Numerical Mathematics</i> , 2021, 161, 452-468.	2.1	1
5	The pointwise error estimates of two energy-preserving fourth-order compact schemes for viscous Burgers' equation. <i>Advances in Computational Mathematics</i> , 2021, 47, 1.	1.6	23
6	Convergence and Stability in Maximum Norms of Linearized Fourth-Order Conservative Compact Scheme for Benjamin-Bona-Mahony-Burgers' Equation. <i>Journal of Scientific Computing</i> , 2021, 87, 1.	2.3	15
7	Pointwise error estimate in difference setting for the two-dimensional nonlinear fractional complex Ginzburg-Landau equation. <i>Advances in Computational Mathematics</i> , 2021, 47, 1.	1.6	16
8	A three-level finite difference method with preconditioning technique for two-dimensional nonlinear fractional complex Ginzburg-Landau equations. <i>Journal of Computational and Applied Mathematics</i> , 2021, 389, 113355.	2.0	20
9	Mesoscale modeling of the crystallization parameters identification during the iron-based catalyst preparation process: the dilute concentration case. <i>Applicable Analysis</i> , 2020, 99, 2191-2209.	1.3	1
10	The numerical analysis of two linearized difference schemes for the Benjamin-Bona-Mahony-Burgers' equation. <i>Numerical Methods for Partial Differential Equations</i> , 2020, 36, 1790-1810.	3.6	10
11	The pointwise estimates of a conservative difference scheme for Burgers' equation. <i>Numerical Methods for Partial Differential Equations</i> , 2020, 36, 1611-1628.	3.6	14
12	Exponential Runge-Kutta Method for Two-Dimensional Nonlinear Fractional Complex Ginzburg-Landau Equations. <i>Journal of Scientific Computing</i> , 2020, 83, 1.	2.3	25
13	Linearized ADI schemes for two-dimensional space-fractional nonlinear Ginzburg-Landau equation. <i>Computers and Mathematics With Applications</i> , 2020, 80, 1201-1220.	2.7	32
14	A three-level linearized difference scheme for nonlinear Schrödinger equation with absorbing boundary conditions. <i>Applied Numerical Mathematics</i> , 2020, 156, 32-49.	2.1	3
15	Asymptotic Stability of Compact and Linear θ -Methods for Space Fractional Delay Generalized Diffusion Equation. <i>Journal of Scientific Computing</i> , 2019, 81, 2413-2446.	2.3	20
16	Uniform convergence of compact and BDF methods for the space fractional semilinear delay reaction-diffusion equations. <i>Applied Mathematics and Computation</i> , 2019, 358, 91-110.	2.2	14
17	An Effective Algorithm for Delay Fractional Convection-Diffusion Wave Equation Based on Reversible Exponential Recovery Method. <i>IEEE Access</i> , 2019, 7, 5554-5563.	4.2	8
18	Compact \hat{I}_t -method for the generalized delay diffusion equation. <i>Applied Mathematics and Computation</i> , 2018, 316, 357-369.	2.2	18

#	ARTICLE	IF	CITATIONS
19	Analysis of the compact difference scheme for the semilinear fractional partial differential equation with time delay. <i>Applicable Analysis</i> , 2017, 96, 1867-1884.	1.3	39
20	A modified regularized algorithm for a semilinear space-fractional backward diffusion problem. <i>Mathematical Methods in the Applied Sciences</i> , 2017, 40, 5996-6006.	2.3	2
21	The compact and Crank-Nicolson ADI schemes for two-dimensional semilinear multidelay parabolic equations. <i>Journal of Computational and Applied Mathematics</i> , 2016, 306, 217-230.	2.0	40
22	Numerical approximation for two-dimensional neutral parabolic differential equations with delay. <i>International Journal of Modelling and Simulation</i> , 2016, 36, 12-19.	3.3	3
23	Multistep finite difference schemes for the variable coefficient delay parabolic equations. <i>Journal of Difference Equations and Applications</i> , 2016, 22, 745-765.	1.1	15
24	Block preconditioning strategies for nonlinear viscous wave equations. <i>Applied Mathematical Modelling</i> , 2013, 37, 5801-5813.	4.2	5
25	A new linearized compact multisplitting scheme for the nonlinear convection-reaction-diffusion equations with delay. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2013, 18, 3278-3288.	3.3	45
26	A compact difference scheme combined with extrapolation techniques for solving a class of neutral delay parabolic differential equations. <i>Applied Mathematics Letters</i> , 2013, 26, 306-312.	2.7	43