Mingrong Cui

List of Publications by Year
in descending order

14	811	1040056	1125743
14 papers	**811** citations	**9** h-index	**13** g-index
14 all docs	**14** docs citations	**14** times ranked	**457** citing authors

#	Article	IF	Citations
1	Compact finite difference method for the fractional diffusion equation. Journal of Computational Physics, 2009, 228, 7792-7804.	3.8	386
2	Compact alternating direction implicit method for two-dimensional time fractional diffusion equation. Journal of Computational Physics, 2012, 231, 2621-2633.	3.8	110
3	Convergence analysis of high-order compact alternating direction implicit schemes for the two-dimensional time fractional diffusion equation. Numerical Algorithms, 2013, 62, 383-409.	1.9	75
4	Compact exponential scheme for the time fractional convection–diffusion reaction equation with variable coefficients. Journal of Computational Physics, 2015, 280, 143-163.	3.8	72
5	High order compact Alternating Direction Implicit method for the generalized sine-Gordon equation. Journal of Computational and Applied Mathematics, 2010, 235, 837-849.	2.0	44
6	A high-order compact exponential scheme for the fractional convection–diffusion equation. Journal of Computational and Applied Mathematics, 2014, 255, 404-416.	2.0	41
7	Fourth‐order compact scheme for the one‐dimensional sine‐Gordon equation. Numerical Methods for Partial Differential Equations, 2009, 25, 685-711.	3.6	32
8	Combined compact difference scheme for the time fractional convection–diffusion equation with variable coefficients. Applied Mathematics and Computation, 2014, 246, 464-473.	2.2	21
9	A sufficient condition for the convergence of the inexact Uzawa algorithm for saddle point problems. Journal of Computational and Applied Mathematics, 2002, 139, 189-196.	2.0	10
10	Finite difference scheme for the time-fractional Fokker–Planck equation with time- and space-dependent forcing. International Journal of Computer Mathematics, 2019, 96, 379-398.	1.8	6
11	Finite Difference Schemes for the Variable Coefficients Single and Multi-Term Time-Fractional Diffusion Equations with Non-Smooth Solutions on Graded and Uniform Meshes. Numerical Mathematics, 2019, 12, 845-866.	1.3	6
12	Compact finite difference schemes for the time fractional diffusion equation with nonlocal boundary conditions. Computational and Applied Mathematics, 2018, 37, 3906-3926.	1.3	5
13	Finite difference schemes for the two-dimensional multi-term time-fractional diffusion equations with variable coefficients. Computational and Applied Mathematics, 2021, 40, 1.	2.2	3
14	On the iterative algorithm for saddle point problems. Applied Mathematics and Computation, 2008, 204, 10-13.	2.2	0