Dongling Wang

List of Publications by Year
in descending order

		1040056	940533
16 papers	**559** citations	**9** h-index	**16** g-index
16 all docs	**16** docs citations	**16** times ranked	**283** citing authors

#	Article	IF	Citations
1	Numerical stability of Grünwald–Letnikov method for time fractional delay differential equations. BIT Numerical Mathematics, 2022, 62, 995-1027.	2.0	6
2	Asymptotic behavior of solutions to time fractional neutral functional differential equations. Journal of Computational and Applied Mathematics, 2021, 382, 113086.	2.0	4
3	Complete monotonicity-preserving numerical methods for time fractional ODEs. Communications in Mathematical Sciences, 2021, 19, 1301-1336.	1.0	6
4	Energy preserving relaxation method for space-fractional nonlinear Schrödinger equation. Applied Numerical Mathematics, 2020, 152, 480-498.	2.1	9
5	Numerical reconstruction of the spatial component in the source term of a time-fractional diffusion equation. Advances in Computational Mathematics, 2020, 46, 1.	1.6	10
6	Long-time behavior of numerical solutions to nonlinear fractional ODEs. ESAIM: Mathematical Modelling and Numerical Analysis, 2020, 54, 335-358.	1.9	10
7	Dissipativity and Contractivity Analysis for Fractional Functional Differential Equations and their Numerical Approximations. SIAM Journal on Numerical Analysis, 2019, 57, 1445-1470.	2.3	27
8	Error Analysis and Numerical Simulations of Strang Splitting Method for Space Fractional Nonlinear Schrödinger Equation. Journal of Scientific Computing, 2019, 81, 965-989.	2.3	21
9	Dissipativity of semilinear time fractional subdiffusion equations and numerical approximations. Applied Mathematics Letters, 2018, 86, 276-283.	2.7	15
10	Improved efficient difference method for the modified anomalous sub-diffusion equation with a nonlinear source term. International Journal of Computer Mathematics, 2017, 94, 821-840.	1.8	11
11	Dissipativity and Stability Analysis for Fractional Functional Differential Equations. Fractional Calculus and Applied Analysis, 2015, 18, 1399-1422.	2.2	56
12	Exponentially Accurate Rayleigh–Ritz Method for Fractional Variational Problems. Journal of Computational and Nonlinear Dynamics, 2015, 10, .	1.2	2
13	Dissipativity and contractivity for fractional-order systems. Nonlinear Dynamics, 2015, 80, 287-294.	5.2	27
14	Maximum-norm error analysis of a difference scheme for the space fractional CNLS. Applied Mathematics and Computation, 2015, 257, 241-251.	2.2	73
15	A linearly implicit conservative difference scheme for the space fractional coupled nonlinear Schrödinger equations. Journal of Computational Physics, 2014, 272, 644-655.	3.8	119
16	Crank–Nicolson difference scheme for the coupled nonlinear Schrödinger equations with the Riesz space fractional derivative. Journal of Computational Physics, 2013, 242, 670-681.	3.8	163