

Dongling Wang

List of Publications by Year in descending order

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papers

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283
citing authors

#	ARTICLE	IF	CITATIONS
1	Crankâ€Nicolson difference scheme for the coupled nonlinear SchrÃ¶dinger equations with the Riesz space fractional derivative. <i>Journal of Computational Physics</i> , 2013, 242, 670-681.	3.8	163
2	A linearly implicit conservative difference scheme for the space fractional coupled nonlinear SchrÃ¶dinger equations. <i>Journal of Computational Physics</i> , 2014, 272, 644-655.	3.8	119
3	Maximum-norm error analysis of a difference scheme for the space fractional CNLS. <i>Applied Mathematics and Computation</i> , 2015, 257, 241-251.	2.2	73
4	Dissipativity and Stability Analysis for Fractional Functional Differential Equations. <i>Fractional Calculus and Applied Analysis</i> , 2015, 18, 1399-1422.	2.2	56
5	Dissipativity and contractivity for fractional-order systems. <i>Nonlinear Dynamics</i> , 2015, 80, 287-294.	5.2	27
6	Dissipativity and Contractivity Analysis for Fractional Functional Differential Equations and their Numerical Approximations. <i>SIAM Journal on Numerical Analysis</i> , 2019, 57, 1445-1470.	2.3	27
7	Error Analysis and Numerical Simulations of Strang Splitting Method for Space Fractional Nonlinear SchrÃ¶dinger Equation. <i>Journal of Scientific Computing</i> , 2019, 81, 965-989.	2.3	21
8	Dissipativity of semilinear time fractional subdiffusion equations and numerical approximations. <i>Applied Mathematics Letters</i> , 2018, 86, 276-283.	2.7	15
9	Improved efficient difference method for the modified anomalous sub-diffusion equation with a nonlinear source term. <i>International Journal of Computer Mathematics</i> , 2017, 94, 821-840.	1.8	11
10	Numerical reconstruction of the spatial component in the source term of a time-fractional diffusion equation. <i>Advances in Computational Mathematics</i> , 2020, 46, 1.	1.6	10
11	Long-time behavior of numerical solutions to nonlinear fractional ODEs. <i>ESAIM: Mathematical Modelling and Numerical Analysis</i> , 2020, 54, 335-358.	1.9	10
12	Energy preserving relaxation method for space-fractional nonlinear SchrÃ¶dinger equation. <i>Applied Numerical Mathematics</i> , 2020, 152, 480-498.	2.1	9
13	Complete monotonicity-preserving numerical methods for time fractional ODEs. <i>Communications in Mathematical Sciences</i> , 2021, 19, 1301-1336.	1.0	6
14	Numerical stability of GrÃ¼nwaldâ€Letnikov method for time fractional delay differential equations. <i>BIT Numerical Mathematics</i> , 2022, 62, 995-1027.	2.0	6
15	Asymptotic behavior of solutions to time fractional neutral functional differential equations. <i>Journal of Computational and Applied Mathematics</i> , 2021, 382, 113086.	2.0	4
16	Exponentially Accurate Rayleighâ€Ritz Method for Fractional Variational Problems. <i>Journal of Computational and Nonlinear Dynamics</i> , 2015, 10, .	1.2	2