Can Li

List of Publications by Year
in descending order

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16	312	1307594 7	1125743 13
papers	citations	h-index	g-index

16	16	16	214
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A weighted finite difference method for the fractional diffusion equation based on the Riemannâ€“Liouville derivative. Applied Numerical Mathematics, 2015, 90, 22-37.	2.1	128
2	High order schemes for the tempered fractional diffusion equations. Advances in Computational Mathematics, 2016, 42, 543-572.	1.6	81
3	Orthogonal spline collocation methods for the subdiffusion equation. Journal of Computational and Applied Mathematics, 2014, 255, 517-528.	2.0	19
4	A New Family of Difference Schemes for Space Fractional Advection Diffusion Equation. Advances in Applied Mathematics and Mechanics, 2017, 9, 282-306.	1.2	17
5	Efficient numerical schemes for fractional water wave models. Computers and Mathematics With Applications, 2016, 71, 238-254.	2.7	16
6	Linearized difference schemes for a BBM equation with a fractional nonlocal viscous term. Applied Mathematics and Computation, 2017, 311, 240-250.	2.2	10
7	Local discontinuous Galerkin methods for the time tempered fractional diffusion equation. Applied Mathematics and Computation, 2020, 365, 124725.	2.2	10
8	Efficient Difference Schemes for the Caputo-Tempered Fractional Diffusion Equations Based on Polynomial Interpolation. Communications on Applied Mathematics and Computation, 2021, 3, 1-40.	1.7	8
9	Fast difference scheme for the reaction-diffusion-advection equation with exact artificial boundary conditions. Applied Numerical Mathematics, 2022, 173, 395-417.	2.1	7
10	Local Discontinuous Galerkin Scheme for Space Fractional Allenâ€“Cahn Equation. Communications on Applied Mathematics and Computation, 2020, 2, 73-91.	1.7	6
11	LDG schemes with second order implicit time discretization for a fractional sub-diffusion equation. Results in Applied Mathematics, 2019, 4, 100079.	1.3	5
12	Linearized finite difference schemes for a tempered fractional Burgers equation in fluid-saturated porous rocks. Waves in Random and Complex Media, 0, , 1-25.	2.7	2
13	Fast difference scheme for a tempered fractional Burgers equation in porous media. Applied Mathematics Letters, 2022, 132, 108143.	2.7	2
14	Local discontinuous Galerkin method for a nonlocal viscous conservation laws. International Journal for Numerical Methods in Fluids, 2021, 93, 197-219.	1.6	1
15	Local discontinuous Galerkin method for the nonlocal one-way water wave equation. Journal of King Saud University - Science, 2019, 31, 1014-1019.	3.5	0
16	Finite difference/Galerkin finite element methods for a fractional heat conductionâ€transfer equation. Mathematical Methods in the Applied Sciences, 2021, 44, 8302-8321.	2.3	0