

Hongbin

List of Publications by Year in descending order

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14
papers

273
citations

933447

10
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

116
citing authors

#	ARTICLE	IF	CITATIONS
1	A predictor-corrector compact finite difference scheme for a nonlinear partial integro-differential equation. <i>International Journal of Nonlinear Sciences and Numerical Simulation</i> , 2022, 23, 553-563.	1.0	2
2	Three semi-implicit compact finite difference schemes for the nonlinear partial integro-differential equation arising from viscoelasticity. <i>International Journal of Modelling and Simulation</i> , 2021, 41, 234-242.	3.3	8
3	On explicit form of the FEM stiffness matrix for the integral fractional Laplacian on non-uniform meshes. <i>Applied Mathematics Letters</i> , 2021, 113, 106864.	2.7	3
4	A formally second order BDF ADI difference scheme for the three-dimensional time-fractional heat equation. <i>International Journal of Computer Mathematics</i> , 2020, 97, 1100-1117.	1.8	16
5	A formally second-order BDF finite difference scheme for the integro-differential equations with the multi-term kernels. <i>International Journal of Computer Mathematics</i> , 2020, 97, 2055-2073.	1.8	21
6	A backward Euler difference scheme for the integro-differential equations with the multi-term kernels. <i>International Journal of Computer Mathematics</i> , 2020, 97, 1254-1267.	1.8	12
7	A Crank-Nicolson-type finite-difference scheme and its algorithm implementation for a nonlinear partial integro-differential equation arising from viscoelasticity. <i>Computational and Applied Mathematics</i> , 2020, 39, 1.	2.2	5
8	An implicit difference scheme and algorithm implementation for the one-dimensional time-fractional Burgers equations. <i>Mathematics and Computers in Simulation</i> , 2019, 166, 298-314.	4.4	44
9	A second-order accurate numerical method with graded meshes for an evolution equation with a weakly singular kernel. <i>Journal of Computational and Applied Mathematics</i> , 2019, 356, 152-163.	2.0	32
10	A backward Euler alternating direction implicit difference scheme for the three-dimensional fractional evolution equation. <i>Numerical Methods for Partial Differential Equations</i> , 2018, 34, 938-958.	3.6	15
11	A second order BDF alternating direction implicit difference scheme for the two-dimensional fractional evolution equation. <i>Applied Mathematical Modelling</i> , 2017, 41, 54-67.	4.2	33
12	Effectiveness of impregnation of ammonium polyphosphate fire retardant in poplar wood using microwave heating. <i>Fire and Materials</i> , 2016, 40, 818-825.	2.0	15
13	A second-order BDF compact difference scheme for fractional-order Volterra equation. <i>International Journal of Computer Mathematics</i> , 2016, 93, 1140-1154.	1.8	40
14	An alternating direction implicit fractional trapezoidal rule type difference scheme for the two-dimensional fractional evolution equation. <i>International Journal of Computer Mathematics</i> , 2015, 92, 2178-2197.	1.8	27