Xiuling Hu

List of Publications by Year
in descending order

12 papers	293 citations	1163117 8 h-index	1199594 12 g-index
12 all docs	12 docs citations	12 times ranked	203 citing authors

#	Article	IF	Citations
1	On finite difference methods for fourth-order fractional diffusion–wave and subdiffusion systems. Applied Mathematics and Computation, 2012, 218, 5019-5034.	2.2	70
2	A compact finite difference scheme for the fourth-order fractional diffusion-wave system. Computer Physics Communications, 2011, 182, 1645-1650.	7.5	53
3	Implicit compact difference schemes for the fractional cable equation. Applied Mathematical Modelling, 2012, 36, 4027-4043.	4.2	49
4	An implicit numerical method of a new time distributed-order and two-sided space-fractional advection-dispersion equation. Numerical Algorithms, 2016, 72, 393-407.	1.9	35
5	A new implicit compact difference scheme for the fourth-order fractional diffusion-wave system. International Journal of Computer Mathematics, 2014, 91, 2215-2231.	1.8	25
6	Conservative compact difference schemes for the coupled nonlinear schrÃ¶dinger system. Numerical Methods for Partial Differential Equations, 2014, 30, 749-772.	3.6	23
7	Numerical inversion of the fractional derivative index and surface thermal flux for an anomalous heat conduction model in a multi-layer medium. Applied Mathematical Modelling, 2018, 59, 514-526.	4.2	10
8	A conservative compact difference scheme for the coupled Kleinâ€"Gordonâ€"SchrÃ¶dinger equation. Numerical Methods for Partial Differential Equations, 2013, 29, 1657-1674.	3.6	9
9	Conservative finite difference methods for fractional SchrÃ¶dingerâ€"Boussinesq equations and convergence analysis. Numerical Methods for Partial Differential Equations, 2019, 35, 1305-1325.	3.6	7
10	Fourthâ€order compact difference schemes for 1D nonlinear <scp>K</scp>uramotoâ€"<scp>T</scp>suzuki equation. Numerical Methods for Partial Differential Equations, 2015, 31, 2080-2109.	3.6	6
11	An analysis of a second order difference scheme for the fractional subdiffusion system. Applied Mathematical Modelling, 2016, 40, 1634-1649.	4.2	3
12	Maximum error estimates for a compact difference scheme of the coupled nonlinear SchrÃ¶dingerâ€"Boussinesq equations. Numerical Methods for Partial Differential Equations, 2019, 35, 1971-1999.	3.6	3