Lizhen Chen

List of Publications by Year
in descending order

13 papers	159 citations	1478505 6 h-index	1199594 12 g-index
13 all docs	13 docs citations	13 times ranked	100 citing authors

#	Article	IF	Citations
1	Regularized linear schemes for the molecular beam epitaxy model with slope selection. Applied Numerical Mathematics, 2018, 128, 139-156.	2.1	51
2	An accurate and efficient algorithm for the time-fractional molecular beam epitaxy model with slope selection. Computer Physics Communications, 2019, 245, 106842.	7.5	26
3	A novel second-order linear scheme for the Cahn-Hilliard-Navier-Stokes equations. Journal of Computational Physics, 2020, 423, 109782.	3.8	18
4	Legendre–Galerkin spectral-element method for the biharmonic equations and its applications. Computers and Mathematics With Applications, 2017, 74, 2958-2968.	2.7	15
5	A Unstructured Nodal Spectral-Element Method for the Navier-Stokes Equations. Communications in Computational Physics, 2012, 12, 315-336.	1.7	13
6	A Triangular Spectral Method for the Stokes Equations. Numerical Mathematics, 2011, 4, 158-179.	1.3	11
7	A Time Splitting Space Spectral Element Method for the Cahn-Hilliard Equation. East Asian Journal on Applied Mathematics, 2013, 3, 333-351.	0.9	6
8	Direct Solvers for the Biharmonic Eigenvalue Problems Using Legendre Polynomials. Journal of Scientific Computing, 2017, 70, 1030-1041.	2.3	5
9	Direct solver for the Cahn–Hilliard equation by Legendre–Galerkin spectral method. Journal of Computational and Applied Mathematics, 2019, 358, 34-45.	2.0	4
10	A Jacobi spectral method for computing eigenvalue gaps and their distribution statistics of the fractional Schrödinger operator. Journal of Computational Physics, 2020, 421, 109733.	3.8	4
11	A Novel Second-Order Scheme for the Molecular Beam Epitaxy Model with Slope Selection. Communications in Computational Physics, 2019, 25, .	1.7	4
12	A triangular spectral method for the Stokes eigenvalue problem by the stream function formulation. Numerical Methods for Partial Differential Equations, 2018, 34, 825-837.	3.6	2
13	Temporal dynamics of the march-in-time toward the steady solution of advection–diffusion systems. International Journal of Computer Mathematics, 2018, 95, 174-186.	1.8	0