

Lizhen Chen

List of Publications by Year in descending order

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13
papers

159
citations

1478505

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1199594

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13
all docs

13
docs citations

13
times ranked

100
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	A novel second-order linear scheme for the Cahn-Hilliard-Navier-Stokes equations. Journal of Computational Physics, 2020, 423, 109782.	3.8	18
3	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
4	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
5	A Novel Second-Order Scheme for the Molecular Beam Epitaxy Model with Slope Selection. Communications in Computational Physics, 2019, 25, .	1.7	4
6	Regularized linear schemes for the molecular beam epitaxy model with slope selection. Applied Numerical Mathematics, 2018, 128, 139-156.	2.1	51
7	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
8	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
9	Legendre-Galerkin spectral-element method for the biharmonic equations and its applications. Computers and Mathematics With Applications, 2017, 74, 2958-2968.	2.7	15
10	Direct Solvers for the Biharmonic Eigenvalue Problems Using Legendre Polynomials. Journal of Scientific Computing, 2017, 70, 1030-1041.	2.3	5
11	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
12	A Unstructured Nodal Spectral-Element Method for the Navier-Stokes Equations. Communications in Computational Physics, 2012, 12, 315-336.	1.7	13
13	A Triangular Spectral Method for the Stokes Equations. Numerical Mathematics, 2011, 4, 158-179.	1.3	11