Tao Sun

List of Publications by Year
in descending order

12	47	5	7
papers	citations	h-index	g-index

12	12	12	27
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Petrov–Galerkin spectral method for the linearized time fractional KdV equation. International Journal of Computer Mathematics, 2018, 95, 1292-1307.	1.8	10
2	L1 scheme on graded mesh for the linearized time fractional KdV equation with initial singularity. International Journal of Modeling, Simulation, and Scientific Computing, 2019, 10, 1941006.	1.4	10
3	A new Galerkin spectral element method for fourth-order boundary value problems. International Journal of Computer Mathematics, 2016, 93, 915-928.	1.8	6
4	Multi-Domain Decomposition Pseudospectral Method for Nonlinear Fokker–Planck Equations. Communications on Applied Mathematics and Computation, 2019, 1, 231-252.	1.7	5
5	Error analysis of a fully discrete scheme for time fractional Schrödinger equation with initial singularity. International Journal of Computer Mathematics, 2020, 97, 1636-1647.	1.8	5
6	A Petrov-Galerkin spectral method for fourth-order problems. Mathematical Methods in the Applied Sciences, 2014, 37, 2257-2270.	2.3	4
7	A spectral method for solving nonhomogeneous Neumann boundary value problems on quadrilaterals. Applied Numerical Mathematics, 2020, 157, 1-18.	2.1	3
8	Galerkin–Legendre spectral method for Neumann boundary value problems in three dimensions. International Journal of Computer Mathematics, 2019, 96, 1335-1356.	1.8	2
9	An efficient Legendre–Galerkin spectral element method for the steady flows in rectangular cavities. International Journal of Computer Mathematics, 2020, 97, 1806-1818.	1.8	1
10	Local error estimate of L1 scheme for linearized time fractional KdV equation with weakly singular solutions. Applied Numerical Mathematics, 2022, 179, 183-190.	2.1	1
11	Stability and convergence analysis for a new phase field crystal model with a nonlocal Lagrange multiplier. Mathematical Methods in the Applied Sciences, 2021, 44, 4972-4984.	2.3	0
12	A Novel Second-Order and Unconditionally Energy Stable Numerical Scheme for Allen–Cahn Equation. Mathematical Problems in Engineering, 2022, 2022, 1-9.	1.1	0