

Ming-Cheng Shiue

List of Publications by Year in descending order

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15
papers

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#	ARTICLE	IF	CITATIONS
1	Analysis and computation of continuous data assimilation algorithms for Lorenz 63 system based on nonlinear nudging techniques. <i>Journal of Computational and Applied Mathematics</i> , 2021, 386, 113246.	2.0	5
2	An analysis on the penalty and Nitsche's methods for the Stokes-Darcy system with a curved interface. <i>Applied Numerical Mathematics</i> , 2021, 165, 83-118.	2.1	7
3	On mathematical analysis of synchronization to bidirectionally coupled Kuramoto oscillators. <i>Nonlinear Analysis: Real World Applications</i> , 2020, 56, 103169.	1.7	3
4	Some DG schemes for the Stokes-Darcy problem using P1/P1 element. <i>Japan Journal of Industrial and Applied Mathematics</i> , 2019, 36, 1101-1128.	0.9	1
5	Self-gravitational Force Calculation of High-order Accuracy for Infinitesimally Thin Gaseous Disks. <i>Astrophysical Journal, Supplement Series</i> , 2019, 242, 17.	7.7	2
6	A simple projection method for the coupled Navier-Stokes and Darcy flows. <i>Computational Geosciences</i> , 2019, 23, 21-33.	2.4	6
7	Convergence of the MAC Scheme for the Stokes/Darcy Coupling Problem. <i>Journal of Scientific Computing</i> , 2018, 76, 1216-1251.	2.3	10
8	On the long-time stability of a temporal discretization scheme for the three dimensional viscous primitive equations. <i>Numerische Mathematik</i> , 2018, 139, 187-245.	1.9	1
9	On time periodic solutions, asymptotic stability and bifurcations of Navier-Stokes equations. <i>Numerische Mathematik</i> , 2017, 135, 607-638.	1.9	5
10	Time-periodic solutions of the primitive equations of large-scale moist atmosphere: existence and stability. <i>Applicable Analysis</i> , 2015, 94, 1926-1963.	1.3	2
11	Interior penalty discontinuous Galerkin methods with implicit time-integration techniques for nonlinear parabolic equations. <i>Numerical Methods for Partial Differential Equations</i> , 2013, 29, 1341-1366.	3.6	11
12	An initial boundary value problem for one-dimensional shallow water magnetohydrodynamics in the solar tachocline. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2013, 76, 215-228.	1.1	4
13	On the asymptotic stability analysis and the existence of time-periodic solutions of the primitive equations. <i>Indiana University Mathematics Journal</i> , 2013, 62, 403-441.	0.9	7
14	Boundary Conditions for Limited Area Models Based on the Shallow Water Equations. <i>Communications in Computational Physics</i> , 2013, 14, 664-702.	1.7	7
15	The Barotropic Mode for the Primitive Equations. <i>Journal of Scientific Computing</i> , 2010, 45, 167-199.	2.3	17