Haiyan Su

List of Publications by Year
in descending order

23	229	933447 10	1058476 14
papers	citations	h-index	g-index

23	23	23	38
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Optimal convergence of three iterative methods based on nonconforming finite element discretization for 2D/3D MHD equations. Numerical Algorithms, 2022, 90, 1117-1151.	1.9	5
2	Second order unconditional linear energy stable, rotational velocity correction method for unsteady incompressible magneto-hydrodynamic equations. Computers and Fluids, 2022, 236, 105300.	2.5	7
3	Recovery-Based Error Estimator for Natural Convection Equations Based on Defect-Correction Methods. Entropy, 2022, 24, 255.	2.2	0
4	Highly Efficient and Energy Stable Schemes for the 2D/3D Diffuse Interface Model of Two-Phase Magnetohydrodynamics. Journal of Scientific Computing, 2022, 90, 1.	2.3	5
5	Optimal Convergence Analysis of Two-Level Nonconforming Finite Element Iterative Methods for 2D/3D MHD Equations. Entropy, 2022, 24, 587.	2.2	2
6	Effective velocity-correction projection methods for unsteady incompressible natural convection equations. International Communications in Heat and Mass Transfer, 2021, 121, 104860.	5.6	2
7	Penalty decoupled iterative methods for the stationary natural convection equations with different Rayleigh numbers. Applied Numerical Mathematics, 2021, 163, 270-291.	2.1	2
8	Parallel two-step finite element algorithm based on fully overlapping domain decomposition for the time-dependent natural convection problem. International Journal of Numerical Methods for Heat and Fluid Flow, 2020, 30, 496-515.	2.8	9
9	On Two-Level Oseen Penalty Iteration Methods for the 2D/3D Stationary Incompressible Magnetohydronamics. Journal of Scientific Computing, 2020, 83, 1.	2.3	9
10	Parallel two-step finite element algorithm for the stationary incompressible magnetohydrodynamic equations. International Journal of Numerical Methods for Heat and Fluid Flow, 2019, 29, 2709-2727.	2.8	10
11	Optimal Error Estimates of Penalty Based Iterative Methods for Steady Incompressible Magnetohydrodynamics Equations with Different Viscosities. Journal of Scientific Computing, 2019, 79, 1078-1110.	2.3	20
12	A partitioned finite element scheme based on Gauge-Uzawa method for time-dependent MHD equations. Numerical Algorithms, 2018, 78, 277-295.	1.9	13
13	Streamline diffusion finite element method for stationary incompressible natural convection problem. Numerical Heat Transfer, Part B: Fundamentals, 2018, 74, 519-537.	0.9	2
14	A novel parallel two-step algorithm based on finite element discretization for the incompressible flow problem. Numerical Heat Transfer, Part B: Fundamentals, 2018, 73, 329-341.	0.9	15
15	Some Uzawa-type finite element iterative methods for the steady incompressible magnetohydrodynamic equations. Applied Mathematics and Computation, 2017, 302, 34-47.	2.2	13
16	Two-Level Penalty Newton Iterative Method for the 2D/3D Stationary Incompressible Magnetohydrodynamics Equations. Journal of Scientific Computing, 2017, 70, 1144-1179.	2.3	22
17	Second order fully discrete defectâ€correction scheme for nonstationary conductionâ€convection problem at high <scp>R</scp>eynolds number. Numerical Methods for Partial Differential Equations, 2017, 33, 681-703.	3.6	14
18	Two-level stabilized nonconforming finite element algorithms for the conductionâ€“convection equations. Numerical Heat Transfer, Part B: Fundamentals, 2017, 72, 152-169.	0.9	0

#	Article	IF	Citations
19	Iterative methods in penalty finite element discretization for the steady MHD equations. Computer Methods in Applied Mechanics and Engineering, 2016, 304, 521-545.	6.6	29
20	Two-level variational multiscale method based on the decoupling approach for the natural convection problem. International Communications in Heat and Mass Transfer, 2015, 61, 128-139.	5.6	18
21	Three Iterative Finite Element Methods for the Stationary Smagorinsky Model. East Asian Journal on Applied Mathematics, 2014, 4, 132-151.	0.9	4
22	Two-Level Stabilized, Nonconforming Finite-Element Algorithms for the Stationary Conduction-Convection Equations. Numerical Heat Transfer, Part B: Fundamentals, 2014, 66, 211-242.	0.9	12
23	Two-level defect-correction Oseen iterative stabilized finite element method for the stationary conductionâ€“convection equations. International Communications in Heat and Mass Transfer, 2014, 56, 133-145.	5.6	16