Yueqiang Shang

List of Publications by Year
in descending order

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49	594	623734	642732
papers	citations	14 h-index	23 g-index

49	49	49	82
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A stabilized fractional-step finite element method for the time-dependent Navierâ€“Stokes equations. International Journal of Nonlinear Sciences and Numerical Simulation, 2022, 23, 61-75.	1.0	2
2	A two-step stabilized finite element algorithm for the Smagorinsky model. Applied Mathematics and Computation, 2022, 422, 126971.	2.2	2
3	Local and parallel finite element algorithms for the incompressible Navier-Stokes equations with damping. Discrete and Continuous Dynamical Systems - Series B, 2022, 27, 6823.	0.9	1
4	Stability and convergence of some parallel iterative subgrid stabilized algorithms for the steady Navier-Stokes equations. Advances in Computational Mathematics, 2022, 48, .	1.6	1
5	A new two-level defect-correction method for the steady Navierâ€“Stokes equations. Journal of Computational and Applied Mathematics, 2021, 381, 113009.	2.0	11
6	A parallel stabilized finite element variational multiscale method based on fully overlapping domain decomposition for the incompressible Navier-Stokes equations. Applied Numerical Mathematics, 2021, 159, 138-158.	2.1	9
7	Parallel iterative stabilized finite element algorithms for the Navierâ€“Stokes equations with nonlinear slip boundary conditions. International Journal for Numerical Methods in Fluids, 2021, 93, 1074-1109.	1.6	7
8	A simplified twoâ€level subgrid stabilized method with backtracking technique for incompressible flows at high Reynolds numbers. Numerical Methods for Partial Differential Equations, 2021, 37, 2067-2088.	3.6	3
9	Local and parallel finite element algorithms for the time-dependent Oseen equations. Numerical Algorithms, 2021, 87, 1653-1677.	1.9	2
10	Two-level defect-correction stabilized algorithms for the simulation of 2D/3D steady Navier-Stokes equations with damping. Applied Numerical Mathematics, 2021, 163, 182-203.	2.1	2
11	Local and parallel stabilized finite element methods based on full domain decomposition for the stationary Stokes equations. International Journal of Nonlinear Sciences and Numerical Simulation, 2021, .	1.0	1
12	A parallel finite element variational multiscale method for the Navier-Stokes equations with nonlinear slip boundary conditions. Applied Numerical Mathematics, 2021, 168, 274-292.	2.1	5
13	Local and parallel finite element algorithms based on domain decomposition for the 2D/3D Stokes equations with damping. Computers and Mathematics With Applications, 2021, 103, 82-103.	2.7	9
14	A parallel stabilized finite element method based on the lowest equal-order elements for incompressible flows. Computing (Vienna/New York), 2020, 102, 65-81.	4.8	7
15	Parallel pressure projection stabilized finite element algorithms based on two-grid discretizations for incompressible flows. International Journal of Computer Mathematics, 2020, 97, 1563-1585.	1.8	1
16	An Oseen-Type Post-Processed Finite Element Method Based on a Subgrid Model for the Time-Dependent Navierâ€“Stokes Equations. International Journal of Computational Methods, 2020, 17, 1950002.	1.3	0
17	Local and Parallel Finite Element Algorithms for the Stokes Equations with Nonlinear Slip Boundary Conditions. International Journal of Computational Methods, 2020, 17, 1950050.	1.3	3
18	Parallel iterative stabilized finite element methods based on the quadratic equal-order elements for incompressible flows. Calcolo, 2020, 57, 1.	1.1	4

#	Article	IF	Citations
19	Local and parallel stabilized finite element algorithms based on the lowest equal-order elements for the steady Navierâ€“Stokes equations. Mathematics and Computers in Simulation, 2020, 178, 464-484.	4.4	10
20	Parallel iterative finite-element algorithms for the Navierâ€“Stokes equations with nonlinear slip boundary conditions. International Journal of Nonlinear Sciences and Numerical Simulation, 2020, .	1.0	0
21	Parallel iterative stabilized finite element algorithms based on the lowest equal-order elements for the stationary Navierâ€“Stokes equations. Applied Mathematics and Computation, 2019, 357, 35-56.	2.2	14
22	A two-level fully discrete finite element variational multiscale method for the unsteady Navierâ€“Stokes equations. Computational and Applied Mathematics, 2019, 38, 1.	2.2	1
23	A three-step Oseen correction method for the steady Navierâ€“Stokes equations. Journal of Engineering Mathematics, 2018, 111, 145-163.	1.2	5
24	A second-order finite element variational multiscale scheme for the fully discrete unsteady Navierâ€“Stokes equations. Journal of Applied Mathematics and Computing, 2018, 58, 95-110.	2.5	1
25	A Twoâ€Parameter Stabilized Finite Element Method for Incompressible Flows. Numerical Methods for Partial Differential Equations, 2017, 33, 425-444.	3.6	4
26	Parallel finite element variational multiscale algorithms for incompressible flow at high Reynolds numbers. Applied Numerical Mathematics, 2017, 117, 1-21.	2.1	23
27	A finite element variational multiscale method based on two-grid discretization for the steady incompressible Navierâ€“Stokes equations. Computer Methods in Applied Mechanics and Engineering, 2016, 300, 182-198.	6.6	23
28	A Simplified Parallel Two-Level Iterative Method for Simulation of Incompressible Navier-Stokes Equations. Advances in Applied Mathematics and Mechanics, 2015, 7, 715-735.	1.2	0
29	A parallel finite element variational multiscale method based on fully overlapping domain decomposition for incompressible flows. Numerical Methods for Partial Differential Equations, 2015, 31, 856-875.	3.6	16
30	A Parallel Subgrid Stabilized Finite Element Method Based on Two-Grid Discretization for Simulation of 2D/3D Steady Incompressible Flows. Journal of Scientific Computing, 2014, 60, 564-583.	2.3	14
31	Parallel defect-correction algorithms based on finite element discretization for the Navierâ€“Stokes equations. Computers and Fluids, 2013, 79, 200-212.	2.5	15
32	A parallel subgrid stabilized finite element method based on fully overlapping domain decomposition for the Navierâ€“Stokes equations. Journal of Mathematical Analysis and Applications, 2013, 403, 667-679.	1.0	17
33	A parallel two-level finite element variational multiscale method for the Navierâ€“Stokes equations. Nonlinear Analysis: Theory, Methods & Applications, 2013, 84, 103-116.	1.1	16
34	A two-level subgrid stabilized Oseen iterative method for the steady Navierâ€“Stokes equations. Journal of Computational Physics, 2013, 233, 210-226.	3.8	38
35	Error analysis of a fully discrete finite element variational multiscale method for timeâ€dependent incompressible Navierâ€“Stokes equations. Numerical Methods for Partial Differential Equations, 2013, 29, 2025-2046.	3.6	12
36	ON THE LINEARIZATION OF DEFECT-CORRECTION METHOD FOR THE STEADY NAVIER-STOKES EQUATIONS. Journal of the Korean Mathematical Society, 2013, 50, 1129-1163.	0.4	1

#	Article	IF	Citations
37	Twoâ€level Newton iterative method for the 2D/3D steady Navierâ€Stokes equations. Numerical Methods for Partial Differential Equations, 2012, 28, 1620-1642.	3.6	37
38	A parallel Oseen-linearized algorithm for the stationary Navierâ€“Stokes equations. Computer Methods in Applied Mechanics and Engineering, 2012, 209-212, 172-183.	6.6	31
39	A parallel two-level linearization method for incompressible flow problems. Applied Mathematics Letters, 2011, 24, 364-369.	2.7	23
40	A comparison of three kinds of local and parallel finite element algorithms based on two-grid discretizations for the stationary Navierâ€“Stokes equations. Computers and Fluids, 2011, 40, 249-257.	2.5	23
41	A new parallel finite element algorithm for the stationary Navierâ€“Stokes equations. Finite Elements in Analysis and Design, 2011, 47, 1262-1279.	3.2	39
42	New stabilized finite element method for timeâ€dependent incompressible flow problems. International Journal for Numerical Methods in Fluids, 2010, 62, 166-187.	1.6	4
43	Newton Iterative Parallel Finite Element Algorithm forÂthe Steady Navier-Stokes Equations. Journal of Scientific Computing, 2010, 44, 92-106.	2.3	54
44	Local and parallel finite element algorithms based on two-grid discretizations for the transient Stokes equations. Numerical Algorithms, 2010, 54, 195-218.	1.9	37
45	Parallel iterative finite element algorithms based on full domain partition for the stationary Navierâ€“Stokes equations. Applied Numerical Mathematics, 2010, 60, 719-737.	2.1	55
46	Optimal error estimates of the penalty method for the linearized viscoelastic flows. International Journal of Computer Mathematics, 2010, 87, 3236-3253.	1.8	10
47	A parallel stabilized quadratic equal-order finite element algorithm for the steady Navier-Stokes equations. International Journal of Computer Mathematics, 0, , 1-0.	1.8	0
48	A three-step defect-correction algorithm for incompressible flows with friction boundary conditions. Numerical Algorithms, 0, , .	1.9	1
49	Twoâ€grid stabilized algorithms for the steady Navierâ€“Stokes equations with damping. Mathematical Methods in the Applied Sciences, 0, , .	2.3	0