

Jintao Cui

List of Publications by Year in descending order

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all docs

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docs citations

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times ranked

188
citing authors

#	ARTICLE	IF	CITATIONS
1	A block-centered finite difference method for an unsteady asymptotic coupled model in fractured media aquifer system. Journal of Computational and Applied Mathematics, 2018, 337, 319-340.	2.0	44
2	Multigrid methods for the symmetric interior penalty method on graded meshes. Numerical Linear Algebra With Applications, 2009, 16, 481-501.	1.6	33
3	Weak Galerkin finite element methods for Sobolev equation. Journal of Computational and Applied Mathematics, 2017, 317, 188-202.	2.0	26
4	An analysis of HDG methods for the vorticity-velocity-pressure formulation of the Stokes problem in three dimensions. Mathematics of Computation, 2012, 81, 1355-1368.	2.1	23
5	An analysis of HDG methods for the Helmholtz equation. IMA Journal of Numerical Analysis, 2014, 34, 279-295.	2.9	21
6	A Two-Grid Block-Centered Finite Difference Algorithm for Nonlinear Compressible Darcy-Forchheimer Model in Porous Media. Journal of Scientific Computing, 2018, 74, 1786-1815.	2.3	18
7	Divergence-Free HDG Methods for the Vorticity-Velocity Formulation of the Stokes Problem. Journal of Scientific Computing, 2012, 52, 256-270.	2.3	13
8	Analysis of a hybridizable discontinuous Galerkin method for the Maxwell operator. ESAIM: Mathematical Modelling and Numerical Analysis, 2019, 53, 301-324.	1.9	11
9	A new error analysis of a mixed finite element method for the quad-curl problem. Applied Mathematics and Computation, 2019, 349, 23-38.	2.2	10
10	Adaptive operator splitting finite element method for Allen-Cahn equation. Numerical Methods for Partial Differential Equations, 2019, 35, 1290-1300.	3.6	9
11	Multigrid Methods Based on Hodge Decomposition for a Quad-Curl Problem. Computational Methods in Applied Mathematics, 2019, 19, 215-232.	0.8	9
12	Multigrid methods for a quad-curl problem based on C^0 interior penalty method. Computers and Mathematics With Applications, 2018, 76, 2192-2211.	2.7	8
13	A Nonconforming Finite Element Method for an Acoustic Fluid-Structure Interaction Problem. Computational Methods in Applied Mathematics, 2018, 18, 383-406.	0.8	7
14	Numerical analysis and modeling of multiscale Forchheimer-Forchheimer coupled model for compressible fluid flow in fractured media aquifer system. Applied Mathematics and Computation, 2019, 353, 7-28.	2.2	7
15	Multigrid methods for two-dimensional Maxwell's equations on graded meshes. Journal of Computational and Applied Mathematics, 2014, 255, 231-247.	2.0	6
16	On the error estimates of a hybridizable discontinuous Galerkin method for second-order elliptic problem with discontinuous coefficients. IMA Journal of Numerical Analysis, 2020, 40, 1577-1600.	2.9	6
17	A New Rotated Nonconforming Quadrilateral Element. Journal of Scientific Computing, 2018, 74, 324-335.	2.3	5
18	A new analysis of discontinuous Galerkin methods for a fourth order variational inequality. Computer Methods in Applied Mechanics and Engineering, 2019, 351, 531-547.	6.6	4

#	ARTICLE	IF	CITATIONS
19	A posteriori error estimate for discontinuous Galerkin finite element method on polytopal mesh. Numerical Methods for Partial Differential Equations, 2020, 36, 601-616.	3.6	4
20	A finite difference approximation of reduced coupled model for slightly compressible Forchheimer fractures in Karst aquifer system. Numerical Algorithms, 2020, 84, 133-163.	1.9	3
21	A Hybridizable Discontinuous Galerkin Method for the Quad-Curl Problem. Journal of Scientific Computing, 2021, 87, 1.	2.3	3
22	Two-grid discontinuous Galerkin method for convection-diffusion-reaction equations. Journal of Computational and Applied Mathematics, 2022, 404, 113903.	2.0	3
23	ANISOTROPIC QUASI-WILSON ELEMENT WITH CONFORMING FINITE ELEMENT APPROXIMATION FOR COUPLED CONTINUUM PIPE-FLOW/DARCY MODEL IN KARST AQUIFERS. Mathematical Modelling and Analysis, 2017, 21, 431-449.	1.5	2
24	Finite element approximation of a free boundary plasma problem. Advances in Computational Mathematics, 2017, 43, 517-535.	1.6	0
25	A New Numerical Method for an Asymptotic Coupled Model of Fractured Media Aquifer System. Journal of Scientific Computing, 2020, 82, 1.	2.3	0
26	Effect of numerical integration on a new rotated nonconforming quadrilateral element. Journal of Computational and Applied Mathematics, 2022, 402, 113798.	2.0	0
27	A Conforming Discontinuous Galerkin Finite Element Method for Linear Elasticity Interface Problems. Journal of Scientific Computing, 2022, 92, .	2.3	0