

Zhiyuan Sun

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	An Arbitrary-Order Discontinuous Galerkin Method with One Unknown Per Element. <i>Journal of Scientific Computing</i> , 2019, 80, 268-288.	2.3	16
2	A finite element method by patch reconstruction for the Stokes problem using mixed formulations. <i>Journal of Computational and Applied Mathematics</i> , 2019, 353, 1-20.	2.0	6
3	Numerical identification of a sparse Robin coefficient. <i>Advances in Computational Mathematics</i> , 2015, 41, 131-148.	1.6	4
4	Lq-regularization for the inverse Robin problem. <i>Journal of Inverse and Ill-Posed Problems</i> , 2016, 24, .	1.0	3
5	A discontinuous Galerkin method for Stokes equation by divergence-free patch reconstruction. <i>Numerical Methods for Partial Differential Equations</i> , 2020, 36, 756-771.	3.6	3
6	The predictor-corrector algorithm for hourglass control. <i>Computers and Fluids</i> , 2020, 209, 104644.	2.5	3
7	A Discontinuous Galerkin Method by Patch Reconstruction for Convection-Diffusion Problems. <i>Advances in Applied Mathematics and Mechanics</i> , 2020, 12, 729-747.	1.2	3
8	Solving Eigenvalue Problems in a Discontinuous Approximation Space by Patch Reconstruction. <i>SIAM Journal of Scientific Computing</i> , 2019, 41, A3381-A3400.	2.8	2
9	The understanding of the subzonal pressure hourglass control method with numerical quadrature. <i>Computers and Fluids</i> , 2022, 240, 105433.	2.5	2
10	On the tensor viscosity based on Gauss quadrature: A comparison of robustness, efficiency, and connection with hourglass control. <i>Journal of Computational Physics</i> , 2022, 466, 111392.	3.8	1
11	Theoretical model of metal gap ejection under strong impact loading and its verification. <i>International Journal of Impact Engineering</i> , 2022, 159, 104053.	5.0	0
12	A numerical study of superconvergence of the discontinuous Galerkin method by patch reconstruction. <i>Electronic Research Archive</i> , 2020, 28, 1487-1501.	0.9	0