Zhiyuan Sun

List of Publications by Year
in descending order

12 papers	43 citations	2258059 3 h-index	1872680 6 g-index
12 all docs	12 docs citations	12 times ranked	23 citing authors

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