Wujun Zhang

List of Publications by Year
in descending order

13 papers	214 citations	1163117 8 h-index	1125743 13 g-index
13 all docs	13 docs citations	13 times ranked	109 citing authors

#	Article	IF	Citations
1	Blowup Rate Estimates of a Singular Potential and Its Gradient in the Landau-de Gennes Theory. Journal of Nonlinear Science, 2022, 32, 1.	2.1	1
2	The Monge–Ampère equation. Handbook of Numerical Analysis, 2020, 21, 105-219.	1.8	3
3	An Elementary Proof of Eigenvalue Preservation for the Co-rotational Beris-Edwards System. Journal of Nonlinear Science, 2019, 29, 789-801.	2.1	2
4	Pointwise rates of convergence for the Oliker–Prussner method for the Monge–Ampère equation. Numerische Mathematik, 2019, 141, 253-288.	1.9	13
5	Finite element approximation of the Isaacs equation. ESAIM: Mathematical Modelling and Numerical Analysis, 2019, 53, 351-374.	1.9	11
6	Discrete ABP Estimate and Convergence Rates for Linear Elliptic Equations in Non-divergence Form. Foundations of Computational Mathematics, 2018, 18, 537-593.	2.5	24
7	The Ericksen model of liquid crystals with colloidal and electric effects. Journal of Computational Physics, 2018, 352, 568-601.	3.8	8
8	Rates of Convergence in W^2_p-Norm for the Monge--Ampère Equation. SIAM Journal on Numerical Analysis, 2018, 56, 3099-3120.	2.3	6
9	Numerical analysis of strongly nonlinear PDEs. Acta Numerica, 2017, 26, 137-303.	10.7	44
10	A Finite Element Method for Nematic Liquid Crystals with Variable Degree of Orientation. SIAM Journal on Numerical Analysis, 2017, 55, 1357-1386.	2.3	18
11	Contraction property of adaptive hybridizable discontinuous Galerkin methods. Mathematics of Computation, 2015, 85, 1113-1141.	2.1	11
12	A Posteriori Error Analysis for Hybridizable Discontinuous Galerkin Methods for Second Order Elliptic Problems. SIAM Journal on Numerical Analysis, 2013, 51, 676-693.	2.3	34
13	A Posteriori Error Estimates for HDG Methods. Journal of Scientific Computing, 2012, 51, 582-607.	2.3	39