

Wen-ming He

List of Publications by Year in descending order

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1307594

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citing authors

#	ARTICLE	IF	CITATIONS
1	A finite element method for elliptic problems with rapidly oscillating coefficients. BIT Numerical Mathematics, 2007, 47, 77-102.	2.0	12
2	Ultraconvergence of Finite Element Method by Richardson Extrapolation for Elliptic Problems with Constant Coefficients. SIAM Journal on Numerical Analysis, 2016, 54, 2302-2322.	2.3	12
3	Ultraconvergence of high order FEMs for elliptic problems with variable coefficients. Numerische Mathematik, 2017, 136, 215-248.	1.9	11
4	Maximum-norms error estimates for high-order finite volume schemes over quadrilateral meshes. Numerische Mathematik, 2018, 138, 473-500.	1.9	11
5	$2k$ superconvergence of Q_k finite elements by anisotropic mesh approximation in weighted Sobolev spaces. Mathematics of Computation, 2016, 86, 1693-1718.	2.1	10
6	A new superconvergence and extrapolation for second order triangular element. Applied Mathematics and Computation, 2006, 174, 300-315.	2.2	9
7	The local superconvergence of the trilinear element for the three-dimensional Poisson problem. Journal of Mathematical Analysis and Applications, 2012, 388, 863-872.	1.0	9
8	Error estimate of the homogenization solution for elliptic problems with small periodic coefficients on $L^{\infty}(\Omega)$. Science China Mathematics, 2010, 53, 1231-1252.	1.7	7
9	The Highest Superconvergence of the Tri-linear Element for Schrödinger Operator with Singularity. Journal of Scientific Computing, 2016, 66, 1-18.	2.3	7
10	Error estimates of finite element method about elliptic problems with singular righthand side. Applied Mathematics and Computation, 2007, 188, 824-832.	2.2	5
11	Local superconvergence of the derivative for tensor product block FEM. Numerical Methods for Partial Differential Equations, 2012, 28, 457-475.	3.6	3
12	The local ultraconvergence of high-order finite element method for second-order elliptic problems with constant coefficients over a rectangular partition. Numerical Methods for Partial Differential Equations, 2019, 35, 2044-2055.	3.6	3
13	Local superconvergence of post-processed high-order finite volume element solutions. Advances in Computational Mathematics, 2020, 46, 1.	1.6	3
14	Optimal Maximum Norm Estimates for Virtual Element Methods. SIAM Journal on Numerical Analysis, 2022, 60, 1251-1280.	2.3	3
15	SOME ESTIMATES OF A MULTI-SCALE FINITE ELEMENT ALGORITHM FOR ELLIPTIC PROBLEMS WITH RAPIDLY OSCILLATING COEFFICIENTS. International Journal of Modern Physics B, 2011, 25, 2729-2739.	2.0	2
16	The local superconvergence of the linear finite element method for the poisson problem. Numerical Methods for Partial Differential Equations, 2014, 30, 930-946.	3.6	2
17	Local ultraconvergence of linear and bilinear finite element method for second order elliptic problems. Journal of Computational and Applied Mathematics, 2020, 372, 112715.	2.0	2
18	THE METHOD OF MULTISCALE ASYMPTOTIC EXPANSIONS FOR THE PROBLEM OF HEAT EXCHANGE IN COMPOSITE PLANE WALL WITH STATIONARY RANDOM FIELDS. International Journal of Modern Physics B, 2011, 25, 143-151.	2.0	1

#	ARTICLE	IF	CITATIONS
19	The local ultraconvergence for high-degree Galerkin finite element methods. Journal of Mathematical Analysis and Applications, 2017, 446, 62-86.	1.0	1
20	Local ultraconvergence of high order finite element method by interpolation postprocessing technique for elliptic problems with constant coefficients. Computers and Mathematics With Applications, 2020, 79, 2492-2502.	2.7	1
21	Local ultraconvergence of finite element methods for second-order elliptic problems with singularity. Numerical Methods for Partial Differential Equations, 2021, 37, 2132-2149.	3.6	1
22	The local superconvergence of the quadratic triangular element for the poisson problem in a polygonal domain. Numerical Methods for Partial Differential Equations, 2014, 30, 1854-1876.	3.6	0
23	Some superconvergence results of high-degree finite element method for a second order elliptic equation with variable coefficients. Open Mathematics, 2014, 12, .	1.0	0
24	Ultraconvergence of the derivative of high-order finite element method for elliptic problems with constant coefficients. Numerical Methods for Partial Differential Equations, 2020, 36, 173-184.	3.6	0
25	A New Estimate for the Homogenization Method for Second-Order Elliptic Problem with Rapidly Oscillating Periodic Coefficients. Journal of Function Spaces, 2021, 2021, 1-6.	0.9	0
26	Ultraconvergence of finite element method by Richardson extrapolation for elliptic problems with inhomogeneous boundary conditions. Numerical Methods for Partial Differential Equations, 0, .	3.6	0
27	Local ultraconvergence of quadratic element. Calcolo, 2021, 58, 1.	1.1	0