

Qinghui Zhang

List of Publications by Year in descending order

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18
papers

275
citations

1040056

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h-index

940533

16
g-index

18
all docs

18
docs citations

18
times ranked

146
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of numerical integration on meshless methods. Computer Methods in Applied Mechanics and Engineering, 2009, 198, 2886-2897.	6.6	56
2	Higher order stable generalized finite element method. Numerische Mathematik, 2014, 128, 1-29.	1.9	50
3	Robustness in stable generalized finite element methods (SGFEM) applied to Poisson problems with crack singularities. Computer Methods in Applied Mechanics and Engineering, 2016, 311, 476-502.	6.6	40
4	Strongly Stable Generalized Finite Element Method (SSGFEM) for a non-smooth interface problem. Computer Methods in Applied Mechanics and Engineering, 2019, 344, 538-568.	6.6	28
5	Stable generalized finite element method (SGFEM) for parabolic interface problems. Journal of Computational and Applied Mathematics, 2020, 367, 112475.	2.0	15
6	DOF-Condensing stable generalized finite element methods for crack problems. Numerical Methods for Partial Differential Equations, 2020, 36, 1209-1233.	3.6	15
7	Stable generalized finite element methods for elasticity crack problems. International Journal for Numerical Methods in Engineering, 2020, 121, 3066-3082.	2.8	14
8	A stable generalized finite element method (SGFEM) of degree two for interface problems. Computer Methods in Applied Mechanics and Engineering, 2020, 363, 112889.	6.6	13
9	Numerical integration in Galerkin meshless methods, applied to elliptic Neumann problem with non-constant coefficients. Advances in Computational Mathematics, 2012, 37, 453-492.	1.6	10
10	Quadrature for meshless Nitsche's method. Numerical Methods for Partial Differential Equations, 2014, 30, 265-288.	3.6	7
11	A condensed generalized finite element method (CGFEM) for interface problems. Computer Methods in Applied Mechanics and Engineering, 2022, 391, 114537.	6.6	6
12	Theoretical analysis of numerical integration in Galerkin meshless methods. BIT Numerical Mathematics, 2011, 51, 459-480.	2.0	5
13	Optimal Quadrilateral Finite Elements on Polygonal Domains. Journal of Scientific Computing, 2017, 70, 60-84.	2.3	3
14	A meshfree finite volume method with optimal numerical integration and direct imposition of essential boundary conditions. Applied Numerical Mathematics, 2020, 153, 98-113.	2.1	3
15	Condensed generalized finite element method. Numerical Methods for Partial Differential Equations, 2021, 37, 1847-1868.	3.6	3
16	Stable generalized finite element methods (SGFEM) for interfacial crack problems in bi-materials. Engineering Analysis With Boundary Elements, 2022, 138, 83-94.	3.7	3
17	A class of finite volume schemes of arbitrary order on nonuniform meshes. Numerical Methods for Partial Differential Equations, 2014, 30, 1614-1632.	3.6	2
18	Strongly Stable Generalized Finite Element Method (SSGFEM) for a non-smooth interface problem II: A simplified algorithm. Computer Methods in Applied Mechanics and Engineering, 2020, 363, 112926.	6.6	2