

# Qinghui Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6215608/publications.pdf>

Version: 2024-02-01

18  
papers

275  
citations

1040056

9  
h-index

940533

16  
g-index

18  
all docs

18  
docs citations

18  
times ranked

146  
citing authors

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