

Hae-Soo Oh

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

435
citations

687363

13
h-index

713466

21
g-index

30
all docs

30
docs citations

30
times ranked

136
citing authors

#	ARTICLE	IF	CITATIONS
1	Thep-version of the finite element method for domains with corners and for infinite domains. Numerical Methods for Partial Differential Equations, 1990, 6, 371-392.	3.6	66
2	The method of auxiliary mapping for the finite element solutions of elasticity problems containing singularities. Journal of Computational Physics, 1995, 121, 193-212.	3.8	47
3	The piecewise polynomial partition of unity functions for the generalized finite element methods. Computer Methods in Applied Mechanics and Engineering, 2008, 197, 3702-3711.	6.6	39
4	The p-version of the finite element method for the elliptic boundary value problems with interfaces. Computer Methods in Applied Mechanics and Engineering, 1992, 97, 211-231.	6.6	35
5	Meshfree particle methods for thin plates. Computer Methods in Applied Mechanics and Engineering, 2012, 209-212, 156-171.	6.6	28
6	Theh-p version of the finite element method for problems with interfaces. International Journal for Numerical Methods in Engineering, 1994, 37, 1741-1762.	2.8	19
7	The generalized product partition of unity for the meshless methods. Journal of Computational Physics, 2010, 229, 1600-1620.	3.8	19
8	Mapping techniques for isogeometric analysis of elliptic boundary value problems containing singularities. Computer Methods in Applied Mechanics and Engineering, 2013, 254, 334-352.	6.6	19
9	Pollution problem of thep- andh-p versions of the finite element method. Communications in Applied Numerical Methods, 1987, 3, 553-561.	0.5	18
10	The smooth piecewise polynomial particle shape functions corresponding to patch-wise non-uniformly spaced particles for meshfree particle methods. Computational Mechanics, 2007, 40, 569-594.	4.0	17
11	Enriched isogeometric analysis of elliptic boundary value problems in domains with cracks and/or corners. International Journal for Numerical Methods in Engineering, 2014, 97, 149-180.	2.8	15
12	The closed form reproducing polynomial particle shape functions for meshfree particle methods. Computer Methods in Applied Mechanics and Engineering, 2007, 196, 3435-3461.	6.6	13
13	The reproducing singularity particle shape functions for problems containing singularities. Computational Mechanics, 2007, 41, 135-157.	4.0	13
14	Reproducing polynomial (singularity) particle methods and adaptive meshless methods for two-dimensional elliptic boundary value problems. Computer Methods in Applied Mechanics and Engineering, 2009, 198, 933-946.	6.6	13
15	Almost everywhere partition of unity to deal with essential boundary conditions in meshless methods. Computer Methods in Applied Mechanics and Engineering, 2009, 198, 3299-3312.	6.6	13
16	Extension of the method of auxiliary mapping for three-dimensional elliptic boundary value problems. International Journal for Numerical Methods in Engineering, 2001, 50, 1103-1129.	2.8	9
17	The Numerical Methods for Oscillating Singularities in Elliptic Boundary Value Problems. Journal of Computational Physics, 2001, 170, 742-763.	3.8	9
18	The weighted Ritz-Galerkin method for elliptic boundary value problems on unbounded domains. Numerical Methods for Partial Differential Equations, 2003, 19, 301-326.	3.6	7

#	ARTICLE	IF	CITATIONS
19	Accurate mode-separated energy release rates for delamination cracks. <i>Journal of Computational Physics</i> , 2004, 193, 86-114.	3.8	7
20	Reproducing polynomial particle methods for boundary integral equations. <i>Computational Mechanics</i> , 2011, 48, 27-45.	4.0	7
21	Implicitly enriched Galerkin methods for numerical solutions of fourth-order partial differential equations containing singularities. <i>Numerical Methods for Partial Differential Equations</i> , 2018, 34, 2079-2112.	3.6	5
22	Extraction formulas of stress intensity factors for the biharmonic equations containing crack singularities. <i>Computers and Mathematics With Applications</i> , 2020, 80, 1142-1163.	2.7	5
23	The weighted finite element method for elasticity equations on unbounded domains. <i>Computer Methods in Applied Mechanics and Engineering</i> , 1998, 152, 259-280.	6.6	3
24	Numerical solutions of biharmonic equations on non-convex polygonal domains. <i>Journal of Computational and Applied Mathematics</i> , 2021, 381, 113022.	2.0	3
25	Finite element solutions for three-dimensional elliptic boundary value problems on unbounded domains. <i>Numerical Methods for Partial Differential Equations</i> , 2006, 22, 1418-1437.	3.6	2
26	Numerical methods and error analysis for one dimensional elliptic problems containing singularities. <i>Numerical Methods for Partial Differential Equations</i> , 2003, 19, 399-420.	3.6	1
27	Meshfree Particle Methods in the Framework of Boundary Element Methods for the Helmholtz Equation. <i>Journal of Scientific Computing</i> , 2013, 55, 200-230.	2.3	1
28	Partition of unity isogeometric analysis of two dimensional elliptic singular perturbation problems. <i>Computational Mechanics</i> , 2016, 58, 1019-1038.	4.0	1
29	Extraction of stress intensity factors of biharmonic equations with corner singularities corresponding to mixed boundary conditions of clamped, simply supported, and free (II). <i>Computers and Mathematics With Applications</i> , 2022, 109, 235-259.	2.7	0