Hae-Soo Oh

List of Publications by Year
in descending order

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29	435	687363 13	713466 21
papers	citations	h-index	g-index

30	30	30	136
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Extraction of stress intensity factors of biharmonic equations with corner singularities corresponding to mixed boundary conditions of clamped, simply supported, and free (II). Computers and Mathematics With Applications, 2022, 109, 235-259.	2.7	0
2	Numerical solutions of biharmonic equations on non-convex polygonal domains. Journal of Computational and Applied Mathematics, 2021, 381, 113022.	2.0	3
3	Extraction formulas of stress intensity factors for the biharmonic equations containing crack singularities. Computers and Mathematics With Applications, 2020, 80, 1142-1163.	2.7	5
4	Implicitly enriched Galerkin methods for numerical solutions of fourthâ€order partial differential equations containing singularities. Numerical Methods for Partial Differential Equations, 2018, 34, 2079-2112.	3.6	5
5	Partition of unity isogeometric analysis of two dimensional elliptic singular perturbation problems. Computational Mechanics, 2016, 58, 1019-1038.	4.0	1
6	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
7	Meshfree Particle Methods in the Framework of Boundary Element Methods for the Helmholtz Equation. Journal of Scientific Computing, 2013, 55, 200-230.	2.3	1
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	Meshfree particle methods for thin plates. Computer Methods in Applied Mechanics and Engineering, 2012, 209-212, 156-171.	6.6	28
10	Reproducing polynomial particle methods for boundary integral equations. Computational Mechanics, 2011, 48, 27-45.	4.0	7
11	The generalized product partition of unity for the meshless methods. Journal of Computational Physics, 2010, 229, 1600-1620.	3.8	19
12	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
13	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
14	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
15	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
16	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
17	The reproducing singularity particle shape functions for problems containing singularities. Computational Mechanics, 2007, 41, 135-157.	4.0	13
18	Finite element solutions for three-dimensional elliptic boundary value problems on unbounded domains. Numerical Methods for Partial Differential Equations, 2006, 22, 1418-1437.	3.6	2

#	Article	IF	Citations
19	Accurate mode-separated energy release rates for delamination cracks. Journal of Computational Physics, 2004, 193, 86-114.	3.8	7
20	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
21	Numerical methods and error analysis for one dimensional elliptic problems containing singularities. Numerical Methods for Partial Differential Equations, 2003, 19, 399-420.	3.6	1
22	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
23	The Numerical Methods for Oscillating Singularities in Elliptic Boundary Value Problems. Journal of Computational Physics, 2001, 170, 742-763.	3.8	9
24	The weighted finite element method for elasticity equations on unbounded domains. Computer Methods in Applied Mechanics and Engineering, 1998, 152, 259-280.	6.6	3
25	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
26	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
27	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
28	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
29	Pollution problem of thep- andh-p versions of the finite element method. Communications in Applied Numerical Methods, 1987, 3, 553-561.	0.5	18