

Seokchan Kim

List of Publications by Year in descending order

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15
papers

205
citations

1478505

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1199594

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docs citations

15
times ranked

118
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). <i>Computers and Mathematics With Applications</i> , 2022, 109, 235-259.	2.7	0
2	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
3	Error estimate of a finite element method using stress intensity factor. <i>Computers and Mathematics With Applications</i> , 2018, 76, 2402-2408.	2.7	5
4	A finite element method for computing accurate solutions for Poisson equations with corner singularities using the stress intensity factor. <i>Computers and Mathematics With Applications</i> , 2016, 71, 2330-2337.	2.7	9
5	Split least-squares finite element methods for linear and nonlinear parabolic problems. <i>Journal of Computational and Applied Mathematics</i> , 2009, 223, 938-952.	2.0	21
6	Numerical solution of one-dimensional Burgers's equation using reproducing kernel function. <i>Journal of Computational and Applied Mathematics</i> , 2008, 214, 417-434.	2.0	55
7	A remark on least-squares mixed element methods for reaction-diffusion problems. <i>Journal of Computational and Applied Mathematics</i> , 2007, 202, 230-236.	2.0	17
8	A finite element method using singular functions for Poisson equations: Mixed boundary conditions. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2006, 195, 2635-2648.	6.6	14
9	A finite element method dealing the singular points with a cut-off function. <i>Journal of Applied Mathematics and Computing</i> , 2006, 21, 141-152.	2.5	3
10	A finite element method using singular functions for the Poisson equation: crack singularities. <i>Numerical Linear Algebra With Applications</i> , 2002, 9, 445-455.	1.6	2
11	A Finite Element Method Using Singular Functions for the Poisson Equation: Corner Singularities. <i>SIAM Journal on Numerical Analysis</i> , 2001, 39, 286-299.	2.3	65
12	A note on a finite element method dealing with corner singularities. <i>Korean Journal of Computational and Applied Mathematics</i> , 2000, 7, 373-386.	0.2	0
13	Exponential decay of C^1 cubic splines vanishing at two symmetric points in each knot interval. <i>Numerische Mathematik</i> , 1997, 76, 479-488.	1.9	6
14	Analytic Function with Subordination Class Determined by Rotations. <i>Complex Variables and Elliptic Equations</i> , 1993, 23, 177-187.	0.2	3
15	Error estimate of a finite element method for an optimal control problem with corner singularity using the stress intensity factor. <i>Numerical Methods for Partial Differential Equations</i> , 0, , .	3.6	0