

Yingbin Chai

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

495
citations

840776

11
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

152
citing authors

#	ARTICLE	IF	CITATIONS
1	Hybrid smoothed finite element method for two-dimensional underwater acoustic scattering problems. <i>Ocean Engineering</i> , 2016, 116, 129-141.	4.3	84
2	Application of Smoothed Finite Element Method to Two-Dimensional Exterior Problems of Acoustic Radiation. <i>International Journal of Computational Methods</i> , 2018, 15, 1850029.	1.3	69
3	Analysis of coupled structural-acoustic problems based on the smoothed finite element method (S-FEM). <i>Engineering Analysis With Boundary Elements</i> , 2014, 42, 84-91.	3.7	55
4	Application of the edge-based gradient smoothing technique to acoustic radiation and acoustic scattering from rigid and elastic structures in two dimensions. <i>Computers and Structures</i> , 2018, 203, 43-58.	4.4	53
5	Transient wave propagation in inhomogeneous media with enriched overlapping triangular elements. <i>Computers and Structures</i> , 2020, 237, 106273.	4.4	45
6	Numerical investigation of the edge-based gradient smoothing technique for exterior Helmholtz equation in two dimensions. <i>Computers and Structures</i> , 2017, 182, 149-164.	4.4	41
7	A truly meshfree method for solving acoustic problems using local weak form and radial basis functions. <i>Applied Mathematics and Computation</i> , 2020, 365, 124694.	2.2	39
8	Dispersion Reduction for the Wave Propagation Problems Using a Coupled "FE-Meshfree" Triangular Element. <i>International Journal of Computational Methods</i> , 2020, 17, 1950071.	1.3	34
9	A smoothed finite element method for exterior Helmholtz equation in two dimensions. <i>Engineering Analysis With Boundary Elements</i> , 2017, 84, 237-252.	3.7	32
10	Dispersion analysis for acoustic problems using the point interpolation method. <i>Engineering Analysis With Boundary Elements</i> , 2018, 94, 79-93.	3.7	20
11	Dispersion error reduction for interior acoustic problems using the radial point interpolation meshless method with plane wave enrichment functions. <i>Engineering Analysis With Boundary Elements</i> , 2022, 143, 428-441.	3.7	12
12	Transient Wave Propagation Dynamics with Edge-Based Smoothed Finite Element Method and Bathe Time Integration Technique. <i>Mathematical Problems in Engineering</i> , 2020, 2020, 1-16.	1.1	2
13	A Novel Triangular Element with Continuous Nodal Acoustic Pressure Gradient for Acoustic Scattering Problems. <i>Mathematical Problems in Engineering</i> , 2019, 2019, 1-12.	1.1	0