

Xing Wei

List of Publications by Year in descending order

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papers

389
citations

758635

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752256

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docs citations

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times ranked

144
citing authors

#	ARTICLE	IF	CITATIONS
1	An Isogeometric Bäckzier Finite Element Method for Vibration Optimization of Functionally Graded Plate with Local Refinement. <i>Crystals</i> , 2022, 12, 830.	1.0	1
2	A half-space singular boundary method for predicting ground-borne vibrations. <i>Applied Mathematical Modelling</i> , 2022, 111, 630-643.	2.2	10
3	2.5D singular boundary method for acoustic wave propagation. <i>Applied Mathematics Letters</i> , 2021, 112, 106760.	1.5	39
4	Singular boundary method for 2D and 3D heat source reconstruction. <i>Applied Mathematics Letters</i> , 2020, 102, 106103.	1.5	34
5	A 2D frequency-domain wave based method for dynamic analysis of orthotropic solids. <i>Computers and Structures</i> , 2020, 238, 106300.	2.4	4
6	Multiple reciprocity singular boundary method for 3D inhomogeneous problems. <i>Engineering Analysis With Boundary Elements</i> , 2020, 117, 212-220.	2.0	4
7	The singular boundary method for solving Signorini problems. <i>Engineering Analysis With Boundary Elements</i> , 2020, 113, 306-314.	2.0	3
8	A meshless singular boundary method for elastic wave propagation in 2D partially saturated poroelastic media. <i>Engineering Analysis With Boundary Elements</i> , 2020, 113, 82-98.	2.0	8
9	Singular boundary method for 3D time-harmonic electromagnetic scattering problems. <i>Applied Mathematical Modelling</i> , 2019, 76, 617-631.	2.2	17
10	A frequency domain formulation of the singular boundary method for dynamic analysis of thin elastic plate. <i>Engineering Analysis With Boundary Elements</i> , 2019, 98, 77-87.	2.0	35
11	Characterization of elastic parameters for functionally graded material by a meshfree method combined with the NMS approach. <i>Inverse Problems in Science and Engineering</i> , 2018, 26, 601-617.	1.2	6
12	A boundary-only treatment by singular boundary method for two-dimensional inhomogeneous problems. <i>Applied Mathematical Modelling</i> , 2018, 62, 338-351.	2.2	32
13	Identification of Elastic Orthotropic Material Parameters by the Singular Boundary Method. <i>Advances in Applied Mathematics and Mechanics</i> , 2016, 8, 810-826.	0.7	6
14	The singular boundary method for two-dimensional static thermoelasticity analysis. <i>Computers and Mathematics With Applications</i> , 2016, 72, 2716-2730.	1.4	12
15	An ACA-SBM for some 2D steady-state heat conduction problems. <i>Engineering Analysis With Boundary Elements</i> , 2016, 71, 101-111.	2.0	29
16	Identification of the thermal conductivity coefficients of 3D anisotropic media by the singular boundary method. <i>International Journal of Heat and Mass Transfer</i> , 2016, 100, 24-33.	2.5	21
17	A simple accurate formula evaluating origin intensity factor in singular boundary method for two-dimensional potential problems with Dirichlet boundary. <i>Engineering Analysis With Boundary Elements</i> , 2015, 58, 151-165.	2.0	42
18	Characterization of space-dependent thermal conductivity for nonlinear functionally graded materials. <i>International Journal of Heat and Mass Transfer</i> , 2015, 84, 691-699.	2.5	22

#	ARTICLE	IF	CITATIONS
19	Singular boundary method for heat conduction problems with certain spatially varying conductivity. Computers and Mathematics With Applications, 2015, 69, 206-222.	1.4	43
20	An ACA accelerated MFS for potential problems. Engineering Analysis With Boundary Elements, 2014, 41, 90-97.	2.0	21