Junpu Li

List of Publications by Year
in descending order

20 papers	558 citations	687363 13 h-index	752698 20 g-index
20 all docs	20 docs citations	20 times ranked	147 citing authors

#	Article	IF	Citations
1	A localized spatiotemporal particle collocation method for long-time transient homogeneous diffusion analysis. International Journal of Heat and Mass Transfer, 2022, 192, 122893.	4.8	2
2	A regularized fast multipole method of moments for rapid calculation of three-dimensional time-harmonic electromagnetic scattering from complex targets. Engineering Analysis With Boundary Elements, 2022, 142, 28-38.	3.7	13
3	A regularized method of moments for three-dimensional time-harmonic electromagnetic scattering. Applied Mathematics Letters, 2021, 112, 106746.	2.7	39
4	The rapid assessment for three-dimensional potential model of large-scale particle system by a modified multilevel fast multipole algorithm. Computers and Mathematics With Applications, 2021, 89, 127-138.	2.7	35
5	High-precision calculation of electromagnetic scattering by the Burton-Miller type regularized method of moments. Engineering Analysis With Boundary Elements, 2021, 133, 177-184.	3.7	17
6	A modified multilevel algorithm for large-scale scientific and engineering computing. Computers and Mathematics With Applications, 2019, 77, 2061-2076.	2.7	35
7	A regularized approach evaluating the near-boundary and boundary solutions for three-dimensional Helmholtz equation with wideband wavenumbers. Applied Mathematics Letters, 2019, 91, 55-60.	2.7	37
8	A regularized approach evaluating origin intensity factor of singular boundary method for Helmholtz equation with high wavenumbers. Engineering Analysis With Boundary Elements, 2019, 101, 165-172.	3.7	12
9	A Dual-Level Method of Fundamental Solutions in Conjunction with Kernel-Independent Fast Multipole Method for Large-Scale Isotropic Heat Conduction Problems. Advances in Applied Mathematics and Mechanics, 2019, 11, 501-517.	1.2	32
10	A modified dual-level algorithm for large-scale three-dimensional Laplace and Helmholtz equation. Computational Mechanics, 2018, 62, 893-907.	4.0	15
11	A modified singular boundary method for three-dimensional high frequency acoustic wave problems. Applied Mathematical Modelling, 2018, 54, 189-201.	4.2	70
12	Singular boundary method based on timeâ€dependent fundamental solutions for active noise control. Numerical Methods for Partial Differential Equations, 2018, 34, 1401-1421.	3.6	11
13	A dual-level method of fundamental solutions for three-dimensional exterior high frequency acoustic problems. Applied Mathematical Modelling, 2018, 63, 558-576.	4.2	29
14	A modified dual-level fast multipole boundary element method for large-scale three-dimensional potential problems. Computer Physics Communications, 2018, 233, 51-61.	7.5	8
15	A modified dual-level fast multipole boundary element method based on the Burtonâ€"Miller formulation for large-scale three-dimensional sound field analysis. Computer Methods in Applied Mechanics and Engineering, 2018, 340, 121-146.	6.6	27
16	Error bounds of singular boundary method for potential problems. Numerical Methods for Partial Differential Equations, 2017, 33, 1987-2004.	3.6	28
17	Numerical Investigation on Convergence Rate of Singular Boundary Method. Mathematical Problems in Engineering, 2016, 2016, 1-13.	1.1	5
18	Explicit empirical formula evaluating original intensity factors of singular boundary method for potential and Helmholtz problems. Engineering Analysis With Boundary Elements, 2016, 73, 161-169.	3.7	55

#	Article	IF	Citations
19	Singular boundary method using time-dependent fundamental solution for scalar wave equations. Computational Mechanics, 2016, 58, 717-730.	4.0	13
20	Numerical investigation on the obliquely incident water wave passing through the submerged breakwater by singular boundary method. Computers and Mathematics With Applications, 2016, 71, 381-390.	2.7	75