Deyue Zhang

List of Publications by Year
in descending order

20 papers	220 citations

1307366

7
h-index

996849

15
g-index

20 all docs	20 docs citations

20
times ranked

91
citing authors

#	ARTICLE	IF	CITATIONS
1	A direct imaging method for the exterior and interior inverse scattering problems. Inverse Problems and Imaging, 2022, , .	0.6	4
2	A Fourier–Bessel method with a regularization strategy for the boundary value problems of the Helmholtz equation. Journal of Computational and Applied Mathematics, 2020, 368, 112562.	1.1	2
3	Retrieval of acoustic sources from multi-frequency phaseless data. Inverse Problems, 2018, 34, 094001.	1.0	33
4	Fourier method for recovering acoustic sources from multi-frequency far-field data. Inverse Problems, 2017, 33, 035001.	1.0	37
5	The Fourier–Bessel method for solving the Cauchy problem connected with the Helmholtz equation. Journal of Computational and Applied Mathematics, 2017, 311, 183-193.	1.1	7
6	Stability analysis of the Fourier–Bessel method for the Cauchy problem of the Helmholtz equation. Inverse Problems in Science and Engineering, 2016, 24, 583-603.	1.2	6
7	Fourier method for solving the multi-frequency inverse source problem for the Helmholtz equation. Inverse Problems, 2015, 31, 035007.	1.0	46
8	Stability analysis of the harmonic polynomial method for the Cauchy problem of Laplace's equation. Applicable Analysis, 2014, 93, 2076-2092.	0.6	2
9	A least-squares finite element method for solving the polygonal-line arc-scattering problem. Applicable Analysis, 2014, 93, 1164-1177.	0.6	3
10	An integral equations method combined minimum norm solution for 3D elastostatics Cauchy problem. Computer Methods in Applied Mechanics and Engineering, 2014, 271, 231-252.	3.4	12
11	A Herglotz wavefunction method for solving the inverse Cauchy problem connected with the Helmholtz equation. Journal of Computational and Applied Mathematics, 2013, 237, 215-222.	1.1	7
12	A least-squares non-polynomial finite element method for solving the polygonal-line grating problem. Journal of Mathematical Analysis and Applications, 2013, 397, 550-560.	0.5	8
13	An Integral Equations Method for the Cauchy Problem Connected with the Helmholtz Equation. Mathematical Problems in Engineering, 2013, 2013, 1-9.	0.6	0
14	The harmonic polynomial method for solving the Cauchy problem connected with the Laplace equation. Inverse Problems, 2013, 29, 065008.	1.0	5
15	A potential function method for the Cauchy problem of elliptic operators. Journal of Mathematical Analysis and Applications, 2012, 395, 164-174.	0.5	22
16	Numerical analysis for the scattering by obstacles in a homogeneous chiral environment. Advances in Computational Mathematics, 2012, 36, 3-20.	0.8	4
17	An optimization method for acoustic inverse obstacle scattering problems with multiple incident waves. Inverse Problems in Science and Engineering, 2011, 19, 461-484.	1.2	5
18	A Finite Element Method with Rectangular Perfectly Matched Layers for the Scattering from Cavities. Journal of Computational Mathematics, 2009, 27, 812-834.	0.2	11

#	ARTICLE	IF	CITATIONS
19	Analysis of two-dimensional electromagnetic scattering by a perfectly conducting obstacle in a homogeneous chiral environment. Applied Mathematics, 2007, 22, 259-266.	0.6	3
20	An inverse electromagnetic scattering problem for periodic chiral structures. Journal of Physics: Conference Series, 2005, 12, 180-187.	0.3	3