

Abdessatar Khelifi

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

141
citations

1684188

5
h-index

1281871

11
g-index

25
all docs

25
docs citations

25
times ranked

58
citing authors

#	ARTICLE	IF	CITATIONS
1	An integral equation method for the Helmholtz problem in the presence of small anisotropic inclusions. <i>Complex Variables and Elliptic Equations</i> , 2022, 67, 384-400.	0.8	0
2	Boundary layer method for solving full Maxwell equations in the presence of an electromagnetic inhomogeneity of small diameter. <i>Journal of Mathematical Analysis and Applications</i> , 2022, 505, 125584.	1.0	2
3	On the asymptotic formulas for perturbations in the eigenvalues of the Stokes equations due to the presence of small deformable inclusions. <i>Journal of Applied Analysis</i> , 2022, 28, 149-164.	0.5	1
4	Asymptotic behavior of eigenvalues of the Maxwell system in the presence of small changes in the interface of an inclusion. <i>Communications on Pure and Applied Analysis</i> , 2022, .	0.8	1
5	On the identification of the heat conductivity distribution from partial dynamic boundary measurements. <i>Applicable Analysis</i> , 2021, 100, 2735-2748.	1.3	0
6	Identification of deformable droplets from boundary measurements: the case of non-stationary Stokes problem. <i>Inverse Problems in Science and Engineering</i> , 2021, 29, 3451-3474.	1.2	0
7	Small perturbations of an interface for Stokes system. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , 2020, 100, e201800175.	1.6	0
8	Maxwell interface problems—existence and uniqueness of solutions for Maxwell's equations. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , 2020, 100, e201800033.	1.6	0
9	Reconstruction of polygonal inclusions in a heat conductive body from dynamical boundary data. <i>ESAIM: Mathematical Modelling and Numerical Analysis</i> , 2017, 51, 949-964.	1.9	1
10	Asymptotic Behaviors for Eigenvalues and Eigenfunctions Associated to Stokes Operator in the Presence of Small Boundary Perturbations. <i>Mathematical Physics Analysis and Geometry</i> , 2017, 20, 1.	1.0	9
11	On the behavior of resonant frequencies in the presence of small anisotropic imperfections. <i>Indagationes Mathematicae</i> , 2017, 28, 1240-1257.	0.4	1
12	On an inverse boundary problem for the heat equation when small heat conductivity defects are present in a material. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , 2016, 96, 327-343.	1.6	0
13	Small perturbation of a surface: Full Maxwell's equations. <i>Journal of Mathematical Analysis and Applications</i> , 2016, 444, 1721-1738.	1.0	3
14	Boundary voltage perturbations resulting from small surface changes of a conductivity inclusion. <i>Applicable Analysis</i> , 2014, 93, 46-64.	1.3	10
15	Numerical solution of an inverse initial boundary-value problem for the full time-dependent Maxwell's equations in the presence of imperfections of small volume. <i>Applicable Analysis</i> , 2013, 92, 975-996.	1.3	4
16	Asymptotic behaviour of the energy for electromagnetic systems in the presence of small inhomogeneities. <i>Applicable Analysis</i> , 2012, 91, 857-877.	1.3	2
17	Asymptotic expansions for the voltage potentials with two-dimensional and three-dimensional thin interfaces. <i>Mathematical Methods in the Applied Sciences</i> , 2011, 34, 2274-2290.	2.3	16
18	On a Hyperbolic Coefficient Inverse Problem via Partial Dynamic Boundary Measurements. <i>Journal of Applied Mathematics</i> , 2010, 2010, 1-14.	0.9	1

#	ARTICLE	IF	CITATIONS
19	Reconstruction of closely spaced small inhomogeneities via boundary measurements for the full time-dependent Maxwell's equations. <i>Applied Mathematical Modelling</i> , 2009, 33, 1719-1728.	4.2	3
20	An inverse problem for a linear Schrödinger equation in the presence of inhomogeneities of small volumes. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , 2008, 88, 472-482.	1.6	0
21	On the perturbation of the electromagnetic energy due to the presence of small inhomogeneities. <i>Comptes Rendus Mathematique</i> , 2008, 346, 287-292.	0.3	1
22	Asymptotic property and convergence estimation for the eigenlements of the Laplace operator. <i>Applicable Analysis</i> , 2007, 86, 1249-1264.	1.3	5
23	Determination of small amplitude perturbations for the electric permittivity from partial dynamic boundary measurements. <i>Journal of Mathematical Physics</i> , 2007, 48, .	1.1	3
24	The integral equation methods for the perturbed Helmholtz eigenvalue problems. <i>International Journal of Mathematics and Mathematical Sciences</i> , 2005, 2005, 1201-1220.	0.7	1
25	Electromagnetic scattering by small dielectric inhomogeneities. <i>Journal Des Mathematiques Pures Et Appliquees</i> , 2003, 82, 749-842.	1.6	77