

Marian Slodicka

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1727984/publications.pdf>

Version: 2024-02-01

30
papers

126
citations

1478505

6
h-index

1281871

11
g-index

30
all docs

30
docs citations

30
times ranked

65
citing authors

#	ARTICLE	IF	CITATIONS
1	Uniqueness for an inverse source problem of determining a space dependent source in a time-fractional diffusion equation. <i>Applied Mathematics Letters</i> , 2019, 91, 15-21.	2.7	29
2	Minimization of cogging torque in permanent magnet machines using the topological gradient and adjoint sensitivity in multi-objective design. <i>International Journal of Applied Electromagnetics and Mechanics</i> , 2012, 39, 933-940.	0.6	22
3	Singular Value Decomposition Method for Multi-species First-order Reactive Transport with Identical Decay Rates. <i>Transport in Porous Media</i> , 2008, 73, 161-172.	2.6	13
4	Solvability for induction hardening including nonlinear magnetic field and controlled Joule heating. <i>Applicable Analysis</i> , 2017, 96, 2780-2799.	1.3	9
5	Determination of the Robin coefficient in a nonlinear boundary condition for a steady-state problem. <i>Mathematical Methods in the Applied Sciences</i> , 2009, 32, 1311-1324.	2.3	6
6	A nonlinear parabolic integro-differential problem with an unknown Dirichlet boundary condition. <i>Journal of Computational and Applied Mathematics</i> , 2015, 275, 421-432.	2.0	6
7	An inverse source problem for a damped wave equation with memory. <i>Journal of Inverse and Ill-Posed Problems</i> , 2016, 24, 111-122.	1.0	6
8	A robust linearisation scheme for a nonlinear elliptic boundary value problem: Error estimates. <i>ANZIAM Journal</i> , 2005, 46, 449-470.	0.2	4
9	A source identification problem in linear parabolic problems: A semigroup approach. <i>Journal of Inverse and Ill-Posed Problems</i> , 2013, 21, 579-600.	1.0	4
10	A nonlocal parabolic model for type-II superconductors. <i>Numerical Methods for Partial Differential Equations</i> , 2014, 30, 1821-1853.	3.6	4
11	Semilinear parabolic problem with nonstandard boundary conditions: Error estimates. <i>Numerical Methods for Partial Differential Equations</i> , 2003, 19, 167-191.	3.6	3
12	Improved error estimates for a Maxwell-Landau-Lifschitz system. <i>Proceedings in Applied Mathematics and Mechanics</i> , 2004, 4, 71-74.	0.2	3
13	Full discretization of a nonlinear parabolic problem containing volterra operators and an unknown dirichlet boundary condition. <i>Numerical Methods for Partial Differential Equations</i> , 2015, 31, 1444-1460.	3.6	3
14	Well modeling and estimation of hydraulic parameters. <i>Annals of Software Engineering</i> , 1997, 1, 317-331.	0.5	2
15	Recovery of An Unknown Flux in Parabolic Problems with Nonstandard Boundary Conditions: Error Estimates. <i>Applications of Mathematics</i> , 2003, 48, 49-66.	0.9	2
16	Parameter Determination for Reductive Dechlorination of Chlorinated Solvents. <i>Transport in Porous Media</i> , 2006, 65, 411-424.	2.6	2
17	Some Inverse Source Problems of Determining a Space Dependent Source in Fractional-Dual-Phase-Lag Type Equations. <i>Mathematics</i> , 2020, 8, 1291.	2.2	2
18	On a Semilinear Parabolic Problem with Four-Point Boundary Conditions. <i>Mathematics</i> , 2021, 9, 468.	2.2	2

#	ARTICLE	IF	CITATIONS
19	Effective Radius and Underpressure of an Air Extraction Well in a Heterogeneous Porous Medium. Transport in Porous Media, 1997, 29, 323-340.	2.6	1
20	Approximation of a nonlinear degenerate parabolic equation via a linear relaxation scheme. Numerical Methods for Partial Differential Equations, 2005, 21, 191-212.	3.6	1
21	Reconstruction of a time dependent source term from a single boundary measurement in Maxwell's equations with nonlinear generalized Ohm's law. Journal of Computational and Applied Mathematics, 2018, 334, 58-76.	2.0	1
22	An investigation of convergence and error estimate of approximate solution for a quasilinear parabolic integrodifferential equation. Applications of Mathematics, 1990, 35, 16-27.	0.9	1
23	A Numerical Procedure for Analysing Soil Venting Wells. Transport in Porous Media, 2004, 57, 297-312.	2.6	0
24	Solution to the Eddy-Current Problem for Type-II Superconductors by Relaxation Method. , 2008, , .		0
25	Full Discretization Scheme for Linearized Quasi-Static Maxwell's Equations with a Nonlinear Boundary Condition. , 2008, , .		0
26	A macroscopic model for an intermediate state between type-I and type-II superconductivity. Numerical Methods for Partial Differential Equations, 2015, 31, 1551-1567.	3.6	0
27	Error Estimates for the Time Discretization of a Semilinear Integrodifferential Parabolic Problem with Unknown Memory Kernel. Numerical Mathematics, 2017, 10, 116-144.	1.3	0
28	Error estimates for the full discretization of a semilinear parabolic problem with an unknown source. Mathematics and Computers in Simulation, 2017, 142, 15-33.	4.4	0
29	COMPREHENSIVE MODELS FOR WELLS. , 2003, , .		0
30	On a semilinear parabolic problem with non-local (Bitsadze-Samarskii type) boundary conditions in more dimensions. Communications in Nonlinear Science and Numerical Simulation, 2022, , 106575.	3.3	0