Marian Slodicka

List of Publications by Year
in descending order

30 papers	126 citations	6 h-index (1478505)
30 all docs	30 docs citations	30 times ranked

11 g-index (1281871)
65 citing authors

#	Article	IF	Citations
1	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
2	On a Semilinear Parabolic Problem with Four-Point Boundary Conditions. Mathematics, 2021, 9, 468.	2.2	2
3	Some Inverse Source Problems of Determining a Space Dependent Source in Fractional-Dual-Phase-Lag Type Equations. Mathematics, 2020, 8, 1291.	2.2	2
4	Uniqueness for an inverse source problem of determining a space dependent source in a time-fractional diffusion equation. Applied Mathematics Letters, 2019, 91, 15-21.	2.7	29
5	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
6	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
7	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
8	Solvability for induction hardening including nonlinear magnetic field and controlled Joule heating. Applicable Analysis, 2017, 96, 2780-2799.	1.3	9
9	An inverse source problem for a damped wave equation with memory. Journal of Inverse and Ill-Posed Problems, 2016, 24, 111-122.	1.0	6
10	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
11	Full discretization of a nonlinear parabolic problem containing volterra operators and an unknown dirichlet boundary condition. Numerical Methods for Partial Differential Equations, 2015, 31, 1444-1460.	3.6	3
12	A nonlinear parabolic integro-differential problem with an unknown Dirichlet boundary condition. Journal of Computational and Applied Mathematics, 2015, 275, 421-432.	2.0	6
13	A nonlocal parabolic model for type-I superconductors. Numerical Methods for Partial Differential Equations, 2014, 30, 1821-1853.	3.6	4
14	A source identification problem in linear parabolic problems: A semigroup approach. Journal of Inverse and Ill-Posed Problems, 2013, 21, 579-600.	1.0	4
15	Minimization of cogging torque in permanent magnet machines using the topological gradient and adjoint sensitivity in multi-objective design. International Journal of Applied Electromagnetics and Mechanics, 2012, 39, 933-940.	0.6	22
16	Determination of the Robin coefficient in a nonlinear boundary condition for a steady-state problem. Mathematical Methods in the Applied Sciences, 2009, 32, 1311-1324.	2.3	6
17	Singular Value Decomposition Method for Multi-species First-order Reactive Transport with Identical Decay Rates. Transport in Porous Media, 2008, 73, 161-172.	2.6	13
18	Solution to the Eddy-Current Problem for Type-II Superconductors by Relaxation Method. , 2008, , .		0

#	Article	IF	Citations
19	Full Discretization Scheme for Linearized Quasi‑Static Maxwell's Equations with a Non‑linear Boundary Condition. , 2008, , .		0
20	Parameter Determination for Reductive Dechlorination of Chlorinated Solvents. Transport in Porous Media, 2006, 65, 411-424.	2.6	2
21	A robust linearisation scheme for a nonlinear elliptic boundary value problem: Error estimates. ANZIAM Journal, 2005, 46, 449-470.	0.2	4
22	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
23	A Numerical Procedure for Analysing Soil Venting Wells. Transport in Porous Media, 2004, 57, 297-312.	2.6	0
24	Improved error estimates for a Maxwell-Landau-Lifschitz system. Proceedings in Applied Mathematics and Mechanics, 2004, 4, 71-74.	0.2	3
25	Recovery of An Unknown Flux in Parabolic Problems with Nonstandard Boundary Conditions: Error Estimates. Applications of Mathematics, 2003, 48, 49-66.	0.9	2
26	Semilinear parabolic problem with nonstandard boundary conditions: Error estimates. Numerical Methods for Partial Differential Equations, 2003, 19, 167-191.	3.6	3
27	COMPREHENSIVE MODELS FOR WELLS. , 2003, , .		0
28	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
29	Well modeling and estimation of hydraulic parameters. Annals of Software Engineering, 1997, 1, 317-331.	0.5	2
30	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