

Nadir Arada

List of Publications by Year in descending order

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26
papers

408
citations

1039880

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26
all docs

26
docs citations

26
times ranked

168
citing authors

#	ARTICLE	IF	CITATIONS
1	Error Estimates for the Numerical Approximation of a Semilinear Elliptic Control Problem. Computational Optimization and Applications, 2002, 23, 201-229.	0.9	209
2	Optimal Control Problems with Mixed Control-State Constraints. SIAM Journal on Control and Optimization, 2000, 39, 1391-1407.	1.1	33
3	Dirichlet Boundary Control of Semilinear Parabolic Equations Part 1: Problems with No State Constraints. Applied Mathematics and Optimization, 2002, 45, 125-143.	0.8	18
4	Strong Steady Solutions for a Generalized Oldroyd-B Model with Shear-Dependent Viscosity in a Bounded Domain. Mathematical Models and Methods in Applied Sciences, 2003, 13, 1303-1323.	1.7	17
5	Dirichlet Boundary Control of Semilinear Parabolic Equations Part 2: Problems with Pointwise State Constraints. Applied Mathematics and Optimization, 2002, 45, 145-167.	0.8	16
6	Minimax Control of Parabolic Systems with State Constraints. SIAM Journal on Control and Optimization, 1999, 38, 254-271.	1.1	15
7	Optimal Control of Shear-Thinning Fluids. SIAM Journal on Control and Optimization, 2012, 50, 2515-2542.	1.1	12
8	On an Augmented Lagrangian SQP Method for a Class of Optimal Control Problems in Banach Spaces. Computational Optimization and Applications, 2002, 22, 369-398.	0.9	11
9	Viscosity effects on flows of generalized Newtonian fluids through curved pipes. Computers and Mathematics With Applications, 2007, 53, 625-646.	1.4	11
10	State-Constrained Relaxed Problems for Semilinear Elliptic Equations. Journal of Mathematical Analysis and Applications, 1998, 223, 248-271.	0.5	10
11	Optimality Conditions for State-Constrained Dirichlet Boundary Control Problems. Journal of Optimization Theory and Applications, 1999, 102, 51-68.	0.8	9
12	Necessary Optimality Conditions for Control Problems and the Stone-Cech Compactification. SIAM Journal on Control and Optimization, 1999, 37, 1011-1032.	1.1	8
13	Steady Flows of Shear-Dependent Oldroyd-B Fluids around an Obstacle. Journal of Mathematical Fluid Mechanics, 2005, 7, 451-483.	0.4	8
14	On the convergence of the two-dimensional second grade fluid model to the Navier-Stokes equation. Journal of Differential Equations, 2016, 260, 2557-2586.	1.1	5
15	A note on the regularity of flows with shear-dependent viscosity. Nonlinear Analysis: Theory, Methods & Applications, 2012, 75, 5401-5415.	0.6	4
16	Distributed control for multistate modified Navier-Stokes equations. ESAIM - Control, Optimisation and Calculus of Variations, 2013, 19, 219-238.	0.7	4
17	Optimal Control of Shear-Thickening Flows. SIAM Journal on Control and Optimization, 2013, 51, 1940-1961.	1.1	4
18	Analysis and finite element simulations of a second-order fluid model in a bounded domain. Numerical Methods for Partial Differential Equations, 2007, 23, 1468-1500.	2.0	3

#	ARTICLE	IF	CITATIONS
19	Minimax Controls for Uncertain Parabolic Systems. SIAM Journal on Control and Optimization, 2000, 38, 1481-1500.	1.1	2
20	Approximation of optimal control problems with state constraints. Numerical Functional Analysis and Optimization, 2000, 21, 601-621.	0.6	2
21	Minimax Dirichlet boundary control problem with state constraints. Nonlinear Analysis: Theory, Methods & Applications, 2001, 46, 653-673.	0.6	2
22	Regularity of flows and optimal control of shear-thinning fluids. Nonlinear Analysis: Theory, Methods & Applications, 2013, 89, 81-94.	0.6	2
23	Optimal Control of Evolutionary Quasi-Newtonian Fluids. SIAM Journal on Control and Optimization, 2014, 52, 3401-3436.	1.1	2
24	Existence Results for Steady Flows of Quasi-Newtonian Fluids Using Weak Monotonicity. Journal of Mathematical Fluid Mechanics, 2005, 7, S273-S288.	0.4	1
25	Relaxation of optimal control problems in L_p -SPACES. ESAIM - Control, Optimisation and Calculus of Variations, 2001, 6, 73-95.	0.7	0
26	On Generalized Newtonian Fluids in Curved Pipes. SIAM Journal on Mathematical Analysis, 2016, 48, 1210-1249.	0.9	0