

Alejandro Allendes

List of Publications by Year in descending order

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16
papers

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1478505

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1372567

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all docs

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docs citations

16
times ranked

61
citing authors

#	ARTICLE	IF	CITATIONS
1	A divergence-free low-order stabilized finite element method for a generalized steady state Boussinesq problem. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2018, 340, 90-120.	6.6	17
2	A posteriori error estimates for the Stokes problem with singular sources. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2019, 345, 1007-1032.	6.6	16
3	Adaptive finite element methods for an optimal control problem involving Dirac measures. <i>Numerische Mathematik</i> , 2017, 137, 159-197.	1.9	14
4	Stabilized finite element approximations for a generalized Boussinesq problem: A posteriori error analysis. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2020, 361, 112703.	6.6	11
5	On the Adaptive Selection of the Parameter in Stabilized Finite Element Approximations. <i>SIAM Journal on Numerical Analysis</i> , 2013, 51, 1585-1609.	2.3	10
6	Fully Computable Error Estimation of a Nonlinear, Positivity-Preserving Discretization of the Convection-Diffusion-Reaction Equation. <i>SIAM Journal of Scientific Computing</i> , 2017, 39, A1903-A1927.	2.8	9
7	An Adaptive FEM for the Pointwise Tracking Optimal Control Problem of the Stokes Equations. <i>SIAM Journal of Scientific Computing</i> , 2019, 41, A2967-A2998.	2.8	6
8	A Posteriori Error Estimates for the Stationary Navier–Stokes Equations with Dirac Measures. <i>SIAM Journal of Scientific Computing</i> , 2020, 42, A1860-A1884.	2.8	6
9	Error estimation for low-order adaptive finite element approximations for fluid flow problems. <i>IMA Journal of Numerical Analysis</i> , 2016, 36, 1715-1747.	2.9	5
10	An a posteriori error analysis for an optimal control problem with point sources. <i>ESAIM: Mathematical Modelling and Numerical Analysis</i> , 2018, 52, 1617-1650.	1.9	5
11	A Divergence-Free Stabilized Finite Element Method for the Evolutionary Navier–Stokes Equations. <i>SIAM Journal of Scientific Computing</i> , 2021, 43, A3809-A3836.	2.8	5
12	A robust numerical method for a control problem involving singularly perturbed equations. <i>Computers and Mathematics With Applications</i> , 2016, 72, 974-991.	2.7	3
13	The stationary Boussinesq problem under singular forcing. <i>Mathematical Models and Methods in Applied Sciences</i> , 2021, 31, 789-827.	3.3	3
14	A posteriori error estimators for stabilized finite element approximations of an optimal control problem. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2018, 340, 147-177.	6.6	2
15	A Posteriori Error Estimation for a PDE-Constrained Optimization Problem Involving the Generalized Oseen Equations. <i>SIAM Journal of Scientific Computing</i> , 2018, 40, A2200-A2233.	2.8	1
16	Pointwise error estimates for a generalized Oseen problem and an application to an optimal control problem. <i>Mathematical Methods in the Applied Sciences</i> , 2019, 42, 3549-3567.	2.3	0