

Zhaojie Zhou

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7419656/publications.pdf>

Version: 2024-02-01

24
papers

408
citations

758635

12
h-index

752256

20
g-index

24
all docs

24
docs citations

24
times ranked

224
citing authors

#	ARTICLE	IF	CITATIONS
1	Spectral Galerkin method for state constrained optimal control of fractional advection–diffusion–reaction equations. <i>Numerical Methods for Partial Differential Equations</i> , 2022, 38, 1526-1542.	2.0	0
2	A spectral Galerkin approximation of optimal control problem governed by fractional advection–diffusion–reaction equations. <i>Journal of Computational and Applied Mathematics</i> , 2021, 386, 113233.	1.1	23
3	Adaptive Virtual Element Method for Optimal Control Problem Governed by General Elliptic Equation. <i>Journal of Scientific Computing</i> , 2021, 88, 1.	1.1	9
4	SUPG-Stabilized Virtual Element Method for Optimal Control Problem Governed by a Convection Dominated Diffusion Equation. <i>Entropy</i> , 2021, 23, 723.	1.1	1
5	Spectral Galerkin Approximation of Space Fractional Optimal Control Problem with Integral State Constraint. <i>Fractal and Fractional</i> , 2021, 5, 102.	1.6	2
6	Error estimate for indirect spectral approximation of optimal control problem governed by fractional diffusion equation with variable diffusivity coefficient. <i>Applied Numerical Mathematics</i> , 2021, 170, 146-161.	1.2	0
7	Spectral Galerkin approximation of optimal control problem governed by Riesz fractional differential equation. <i>Applied Numerical Mathematics</i> , 2019, 143, 247-262.	1.2	22
8	A Priori Error Analysis for Time-Stepping Discontinuous Galerkin Finite Element Approximation of Time Fractional Optimal Control Problem. <i>Journal of Scientific Computing</i> , 2019, 80, 993-1018.	1.1	12
9	Fractional spectral collocation method for optimal control problem governed by space fractional diffusion equation. <i>Applied Mathematics and Computation</i> , 2019, 350, 331-347.	1.4	13
10	Convergence and quasi-optimality of an adaptive finite element method for elliptic Robin boundary control problem. <i>Journal of Computational and Applied Mathematics</i> , 2019, 356, 1-21.	1.1	8
11	Finite Element Approximation of Optimal Control Problem Governed by Space Fractional Equation. <i>Journal of Scientific Computing</i> , 2019, 78, 1840-1861.	1.1	26
12	Time-stepping discontinuous Galerkin approximation of optimal control problem governed by time fractional diffusion equation. <i>Numerical Algorithms</i> , 2018, 79, 437-455.	1.1	16
13	Legendre pseudo-spectral method for optimal control problem governed by a time-fractional diffusion equation. <i>International Journal of Computer Mathematics</i> , 2018, 95, 1308-1325.	1.0	13
14	State–dependent switching control of delayed switched systems with stable and unstable modes. <i>Mathematical Methods in the Applied Sciences</i> , 2018, 41, 6968-6983.	1.2	77
15	A Mixed Discontinuous Galerkin Approximation of Time Dependent Convection Diffusion Optimal Control Problem. <i>Journal of Mathematics</i> , 2017, 2017, 1-14.	0.5	1
16	Finite element approximation of optimal control problems governed by time fractional diffusion equation. <i>Computers and Mathematics With Applications</i> , 2016, 71, 301-318.	1.4	68
17	A posteriori error estimates for discontinuous Galerkin approximation of non-stationary convection-diffusion optimal control problems. <i>International Journal of Computer Mathematics</i> , 2016, 93, 2106-2123.	1.0	5
18	Finite Element Method and A Priori Error Estimates for Dirichlet Boundary Control Problems Governed by Parabolic PDEs. <i>Journal of Scientific Computing</i> , 2016, 66, 941-967.	1.1	29

#	ARTICLE	IF	CITATIONS
19	A posteriori error estimates for optimal control problems constrained by convection-diffusion equations. <i>Frontiers of Mathematics in China</i> , 2016, 11, 55-75.	0.4	3
20	Local discontinuous galerkin approximation of convection-dominated diffusion optimal control problems with control constraints. <i>Numerical Methods for Partial Differential Equations</i> , 2014, 30, 339-360.	2.0	20
21	A Priori Error Analysis for Finite Element Approximation of Parabolic Optimal Control Problems with Pointwise Control. <i>SIAM Journal on Control and Optimization</i> , 2014, 52, 97-119.	1.1	31
22	A RT Mixed FEM/DG Scheme for Optimal Control Governed by Convection Diffusion Equations. <i>Journal of Scientific Computing</i> , 2009, 41, 273-299.	1.1	18
23	A posteriori error estimates of constrained optimal control problem governed by convection diffusion equations. <i>Frontiers of Mathematics in China</i> , 2008, 3, 415-442.	0.4	4
24	A priori and a posteriori error analysis for virtual element discretization of elliptic optimal control problem. <i>Numerical Algorithms</i> , 0, , 1.	1.1	7