Zhaojie Zhou

List of Publications by Year
in descending order

		758635	752256
24 papers	408 citations	12 h-index	20 g-index
24 all docs	24 docs citations	24 times ranked	224 citing authors

#	Article	IF	Citations
1	State‐dependent switching control of delayed switched systems with stable and unstable modes. Mathematical Methods in the Applied Sciences, 2018, 41, 6968-6983.	1.2	77
2	Finite element approximation of optimal control problems governed by time fractional diffusion equation. Computers and Mathematics With Applications, 2016, 71, 301-318.	1.4	68
3	A Priori Error Analysis for Finite Element Approximation of Parabolic Optimal Control Problems with Pointwise Control. SIAM Journal on Control and Optimization, 2014, 52, 97-119.	1.1	31
4	Finite Element Method and A Priori Error Estimates for Dirichlet Boundary Control Problems Governed by Parabolic PDEs. Journal of Scientific Computing, 2016, 66, 941-967.	1.1	29
5	Finite Element Approximation of Optimal Control Problem Governed by Space Fractional Equation. Journal of Scientific Computing, 2019, 78, 1840-1861.	1.1	26
6	A spectral Galerkin approximation of optimal control problem governed by fractional advection‐diffusion‐reaction equations. Journal of Computational and Applied Mathematics, 2021, 386, 113233.	1.1	23
7	Spectral Galerkin approximation of optimal control problem governed by Riesz fractional differential equation. Applied Numerical Mathematics, 2019, 143, 247-262.	1.2	22
8	Local discontinuous galerkin approximation of convection‐dominated diffusion optimal control problems with control constraints. Numerical Methods for Partial Differential Equations, 2014, 30, 339-360.	2.0	20
9	A RT Mixed FEM/DG Scheme for Optimal Control Governed by Convection Diffusion Equations. Journal of Scientific Computing, 2009, 41, 273-299.	1.1	18
10	Time-stepping discontinuous Galerkin approximation of optimal control problem governed by time fractional diffusion equation. Numerical Algorithms, 2018, 79, 437-455.	1.1	16
11	Legendre pseudo-spectral method for optimal control problem governed by a time-fractional diffusion equation. International Journal of Computer Mathematics, 2018, 95, 1308-1325.	1.0	13
12	Fractional spectral collocation method for optimal control problem governed by space fractional diffusion equation. Applied Mathematics and Computation, 2019, 350, 331-347.	1.4	13
13	A Priori Error Analysis for Time-Stepping Discontinuous Galerkin Finite Element Approximation of Time Fractional Optimal Control Problem. Journal of Scientific Computing, 2019, 80, 993-1018.	1.1	12
14	Adaptive Virtual Element Method for Optimal Control Problem Governed by General Elliptic Equation. Journal of Scientific Computing, 2021, 88, 1.	1.1	9
15	Convergence and quasi-optimality of an adaptive finite element method for elliptic Robin boundary control problem. Journal of Computational and Applied Mathematics, 2019, 356, 1-21.	1.1	8
16	A priori and a posteriori error analysis for virtual element discretization of elliptic optimal control problem. Numerical Algorithms, 0, , 1.	1.1	7
17	A posteriori error estimates for discontinuous Galerkin approximation of non-stationary convection-diffusion optimal control problems. International Journal of Computer Mathematics, 2016, 93, 2106-2123.	1.0	5
18	A posteriori error estimates of constrained optimal control problem governed by convection diffusion equations. Frontiers of Mathematics in China, 2008, 3, 415-442.	0.4	4

#	Article	IF	Citations
19	A posteriori error estimates for optimal control problems constrained by convection-diffusion equations. Frontiers of Mathematics in China, 2016, 11, 55-75.	0.4	3
20	Spectral Galerkin Approximation of Space Fractional Optimal Control Problem with Integral State Constraint. Fractal and Fractional, 2021, 5, 102.	1.6	2
21	A Mixed Discontinuous Galerkin Approximation of Time Dependent Convection Diffusion Optimal Control Problem. Journal of Mathematics, 2017, 2017, 1-14.	0.5	1
22	SUPG-Stabilized Virtual Element Method for Optimal Control Problem Governed by a Convection Dominated Diffusion Equation. Entropy, 2021, 23, 723.	1.1	1
23	Error estimate for indirect spectral approximation of optimal control problem governed by fractional diffusion equation with variable diffusivity coefficient. Applied Numerical Mathematics, 2021, 170, 146-161.	1.2	0
24	Spectral Galerkin method for state constrained optimal control of fractional advection–diffusion–reaction equations. Numerical Methods for Partial Differential Equations, 2022, 38, 1526-1542.	2.0	0