Yanping Chen

List of Publications by Year in descending order

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174	3,169	186209	206029
papers	citations	28 h-index	48 g-index

178	178	178	828
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A posteriori error estimations of the Petrov-Galerkin methods for fractional Helmholtz equations. Numerical Algorithms, 2022, 89, 1095-1127.	1.1	3
2	A spectral method for a weakly singular Volterra integro-differential equation with pantograph delay. Acta Mathematica Scientia, 2022, 42, 387-402.	0.5	6
3	A fully discrete two-grid finite element method for nonlinear hyperbolic integro-differential equation. Applied Mathematics and Computation, 2022, 413, 126596.	1.4	3
4	Immersed finite element approximation for semi-linear parabolic interface problems combining with two-grid methods. Applied Numerical Mathematics, 2022, 175, 56-72.	1.2	2
5	Error analysis of spectral approximation for spaceâ€“time fractional optimal control problems with control and state constraints. Journal of Computational and Applied Mathematics, 2022, 413, 114293.	1.1	3
6	An error estimator for spectral method approximation of flow control with state constraint. Electronic Research Archive, 2022, 30, 3193-3210.	0.4	0
7	A Crank-Nicolson ADI quadratic spline collocation method for two-dimensional Riemann-Liouville space-fractional diffusion equations. Applied Numerical Mathematics, 2021, 160, 331-348.	1.2	5
8	Twoâ€grid method for miscible displacement problem with dispersion by finite element method of characteristics. ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik, 2021, 101, e201900275.	0.9	1
9	Residual-type a posteriori error analysis of HDG methods for Neumann boundary control problems. Advances in Computational Mathematics, 2021, 47, 1.	0.8	6
10	A-posteriori error estimations of the GJF-Petrovâ€“Galerkin methods for fractional differential equations. Computers and Mathematics With Applications, 2021, 90, 159-170.	1.4	3
11	Two-grid methods for nonlinear time fractional diffusion equations by <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e2594" altimg="si4.svg"><mml:mrow><mml:mi>L</mml:mi><mml:mn>1</mml:mn></mml:mrow></mml:math>-Galerkin FEM. Mathematics and Computers in Simulation, 2021, 185, 436-451.	2.4	17
12	A Family of Two-Grid Partially Penalized Immersed Finite Element Methods for Semi-linear Parabolic Interface Problems. Journal of Scientific Computing, 2021, 88, 1.	1.1	3
13	A posteriori error estimates of spectral Galerkin methods for multi-term time fractional diffusion equations. Applied Mathematics Letters, 2021, 120, 107259.	1.5	5
14	Analysis of finite element two-grid algorithms for two-dimensional nonlinear SchrÃ¶dinger equation with wave operator. Journal of Computational and Applied Mathematics, 2021, 397, 113647.	1.1	7
15	A Petrov-Galerkin spectral method for fractional convectionâ€“diffusion equations with two-sided fractional derivative. International Journal of Computer Mathematics, 2021, 98, 536-551.	1.0	1
16	Analysis of a two-grid method for semiconductor device problem. Applied Mathematics and Mechanics (English Edition), 2021, 42, 143-158.	1.9	5
17	A posteriori error estimates of hp spectral element methods for optimal control problems with L2-norm state constraint. Numerical Algorithms, 2020, 83, 1145-1169.	1.1	8
18	Galerkin spectral approximation of optimal control problems with L2-norm control constraint. Applied Numerical Mathematics, 2020, 150, 418-432.	1.2	5

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19	Numerical solution of two-dimensional nonlinear SchrÃ¶dinger equation using a new two-grid finite element method. Journal of Computational and Applied Mathematics, 2020, 364, 112333.	1.1	10
20	Two-grid methods of finite element solutions for semi-linear elliptic interface problems. Numerical Algorithms, 2020, 84, 307-330.	1.1	12
21	A two-grid method for semi-linear elliptic interface problems by partially penalized immersed finite element methods. Mathematics and Computers in Simulation, 2020, 169, 1-15.	2.4	10
22	Curl recovery for the lowest order rectangular edge element. Applied Mathematics and Computation, 2020, 371, 124897.	1.4	0
23	Two-grid methods for semilinear time fractional reaction diffusion equations by expanded mixed finite element method. Applied Numerical Mathematics, 2020, 157, 38-54.	1.2	27
24	Adaptive hybridizable discontinuous Galerkin methods for nonstationary convection diffusion problems. Advances in Computational Mathematics, 2020, 46, 1.	0.8	6
25	A twoâ€grid method for characteristic expanded mixed finite element solution of miscible displacement problem. Numerical Linear Algebra With Applications, 2020, 27, e2292.	0.9	2
26	A characteristic finite element two-grid algorithm for a compressible miscible displacement problem. Advances in Computational Mathematics, 2020, 46, 1.	0.8	3
27	hp spectral element approximation for integral state constrained optimal control problems governed by harmonic equations. Journal of Computational and Applied Mathematics, 2020, 371, 112716.	1.1	2
28	Rough polyharmonic splines method for optimal control problem governed by parabolic systems with rough coefficient. Computers and Mathematics With Applications, 2020, 80, 121-139.	1.4	1
29	A two-grid Eulerianâ€“Lagrangian localized adjoint method to miscible displacement problems with dispersion term. Computers and Mathematics With Applications, 2020, 80, 54-68.	1.4	3
30	Legendre Collocation Method for Volterra Integro-Differential Algebraic Equation. Computational Methods in Applied Mathematics, 2019, 19, 833-847.	0.4	2
31	A priori error estimates of a meshless method for optimal control problems of stochastic elliptic PDEs. International Journal of Computer Mathematics, 2019, 96, 1048-1065.	1.0	2
32	Two-grid methods for semi-linear elliptic interface problems by immersed finite element methods. Applied Mathematics and Mechanics (English Edition), 2019, 40, 1657-1676.	1.9	14
33	A posteriori error estimates of hp spectral element methods for integral state constrained elliptic optimal control problems. Applied Numerical Mathematics, 2019, 144, 42-58.	1.2	3
34	Mortar Element Method for the Time Dependent Coupling of Stokes and Darcy Flows. Journal of Scientific Computing, 2019, 80, 1310-1329.	1.1	5
35	Two-grid methods of expanded mixed finite-element solutions for nonlinear parabolic problems. Applied Numerical Mathematics, 2019, 144, 204-222.	1.2	14
36	Numerical Analysis for Volterra Integral Equation with Two Kinds of Delay. Acta Mathematica Scientia, 2019, 39, 607-617.	0.5	4

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37	Spectral method for multidimensional Volterra integral equation with regular kernel. Frontiers of Mathematics in China, 2019, 14, 435-448.	0.4	8
38	Two-grid method for the two-dimensional time-dependent SchrÃ¶dinger equation by the finite element method. Computers and Mathematics With Applications, 2019, 77, 3043-3053.	1.4	12
39	Two grid finite element discretization method for semiâ€linear hyperbolic integroâ€differential equations. Numerical Methods for Partial Differential Equations, 2019, 35, 1676-1693.	2.0	2
40	A Jacobi Spectral Method for Solving Multidimensional Linear Volterra Integral Equation of the Second Kind. Journal of Scientific Computing, 2019, 79, 1801-1813.	1.1	7
41	Two-grid finite element methods combined with Crank-Nicolson scheme for nonlinear Sobolev equations. Advances in Computational Mathematics, 2019, 45, 611-630.	0.8	65
42	An efficient two grid method for miscible displacement problem approximated by mixed finite element methods. Computers and Mathematics With Applications, 2019, 77, 752-764.	1.4	11
43	Equivalent a posteriori error estimates for elliptic optimal control problems with <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll" id="d1e153" altimg="si3.gif"><mml:msup><mml:mrow><mml:mi>L</mml:mi></mml:mrow><mml:mrow><mml:mn>1</mml:mn></mml:mrow></mml:msup></mml:math> cost. Computers and Mathematics With Applications, 2019, 77, 342-356.	1.4	2
44	Error estimates of pseudostress-velocity MFEM for optimal control problems governed by stokes equations. Applied Numerical Mathematics, 2019, 135, 407-422.	1.2	1
45	A Legendreâ€“Petrovâ€“Galerkin method for solving Volterra integro-differential equations with proportional delays. International Journal of Computer Mathematics, 2019, 96, 920-934.	1.0	0
46	Spectral Collocation Methods for Nonlinear Volterra Integro-Differential Equations with Weakly Singular Kernels. Bulletin of the Malaysian Mathematical Sciences Society, 2019, 42, 297-314.	0.4	12
47	Analysis of twoâ€grid discretization scheme for semilinear hyperbolic equations by mixed finite element methods. Mathematical Methods in the Applied Sciences, 2018, 41, 3370-3391.	1.2	6
48	A posteriori error estimates of two-grid finite volume element methods for nonlinear elliptic problems. Computers and Mathematics With Applications, 2018, 75, 1756-1766.	1.4	10
49	Two-grid method for compressible miscible displacement problem by CFEMâ€“MFEM. Journal of Computational and Applied Mathematics, 2018, 337, 175-189.	1.1	15
50	A priori error estimates of a combined mixed finite element and local discontinuous Galerkin method for an incompressible miscible displacement problem. Applied Mathematics and Computation, 2018, 334, 141-151.	1.4	4
51	Two-grid methods for miscible displacement problem by Galerkin methods and mixed finite-element methods. International Journal of Computer Mathematics, 2018, 95, 1453-1477.	1.0	7
52	A Two-Level Sparse Grid Collocation Method for Semilinear Stochastic Elliptic Equation. Computational Methods in Applied Mathematics, 2018, 18, 165-179.	0.4	0
53	A spectral collocation method for multidimensional nonlinear weakly singular Volterra integral equation. Journal of Computational and Applied Mathematics, 2018, 331, 52-63.	1.1	9
54	A Fractional Order Collocation Method for Second Kind Volterra Integral Equations with Weakly Singular Kernels. Journal of Scientific Computing, 2018, 75, 970-992.	1.1	26

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55	Convergence and quasi-optimality of an adaptive finite element method for optimal control problems with integral control constraint. Advances in Computational Mathematics, 2018, 44, 367-394.	0.8	12
56	A two-grid method for incompressible miscible displacement problems by mixed finite element and Eulerianâ€“Lagrangian localized adjoint methods. Journal of Mathematical Analysis and Applications, 2018, 468, 406-422.	0.5	17
57	Superconvergence analysis of bi-k-degree rectangular elements for two-dimensional time-dependent SchrÃ¶dinger equation. Applied Mathematics and Mechanics (English Edition), 2018, 39, 1353-1372.	1.9	5
58	A new weak Galerkin finite element scheme for general second-order elliptic problems. Journal of Computational and Applied Mathematics, 2018, 344, 701-715.	1.1	9
59	A Fractional Order Collocation Method for Second Kind Volterra Integral Equations with Weakly Singular Kernels. , 2018, 75, 970.		1
60	A New Two-Grid Method for Expanded Mixed Finite Element Solution of Nonlinear Reaction Diffusion Equations. Advances in Applied Mathematics and Mechanics, 2017, 9, 757-774.	0.7	7
61	Two-grid mixed finite element method for nonlinear hyperbolic equations. Computers and Mathematics With Applications, 2017, 74, 1489-1505.	1.4	10
62	Convergence Analysis for the Chebyshev Collocation Methods to Volterra Integral Equations with a Weakly Singular Kernel. Advances in Applied Mathematics and Mechanics, 2017, 9, 1506-1524.	0.7	4
63	Spectral Method Approximation of Flow Optimal Control Problems withH1-Norm State Constraint. Numerical Mathematics, 2017, 10, 614-638.	0.6	12
64	Convergence and Quasi-Optimality of an Adaptive Finite Element Method for Optimal Control Problems on $$L^{2}$$ L 2 Errors. Journal of Scientific Computing, 2017, 73, 438-458.	1.1	10
65	Spectral collocation method for the time-fractional diffusion-wave equation and convergence analysis. Computers and Mathematics With Applications, 2017, 73, 1218-1232.	1.4	63
66	A-posteriori error estimation in maximum norm for a strongly coupled system of two singularly perturbed convectionâ€“diffusion problems. Journal of Computational and Applied Mathematics, 2017, 313, 152-167.	1.1	16
67	Legendre spectral collocation method for volterra-hammerstein integral equation of the second kind. Acta Mathematica Scientia, 2017, 37, 1105-1114.	0.5	6
68	A conservative difference scheme for two-dimensional nonlinear SchrÃ¶dinger equation with wave operator. Numerical Methods for Partial Differential Equations, 2016, 32, 862-876.	2.0	12
69	An Adaptive Grid Method for Singularly Perturbed Time-Dependent Convection-Diffusion Problems. Communications in Computational Physics, 2016, 20, 1340-1358.	0.7	11
70	Two-Grid Method for Miscible Displacement Problem by Mixed Finite Element Methods and Mixed Finite Element Method of Characteristics. Communications in Computational Physics, 2016, 19, 1503-1528.	0.7	32
71	Jacobi spectral collocation method for the approximate solution of multidimensional nonlinear Volterra integral equation. SpringerPlus, 2016, 5, 1710.	1.2	2
72	Jacobi Spectral Galerkin and Iterated Methods for Nonlinear Volterra Integral Equation. Journal of Computational and Nonlinear Dynamics, 2016, 11, .	0.7	3

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73	Equivalent a Posteriori Error Estimator of Spectral Approximation for Control Problems with Integral Control-State Constraints in One Dimension. Advances in Applied Mathematics and Mechanics, 2016, 8, 464-484.	0.7	0
74	Two-grid method for miscible displacement problem by mixed finite element methods and finite element method of characteristics. Computers and Mathematics With Applications, 2016, 72, 2694-2715.	1.4	18
75	$$L^p$$ L p Error Estimates of Two-Grid Method for Miscible Displacement Problem. Journal of Scientific Computing, 2016, 69, 28-51.	1.1	18
76	Spectral-Collocation Method for Volterra Delay Integro-Differential Equations with Weakly Singular Kernels. Advances in Applied Mathematics and Mechanics, 2016, 8, 648-669.	0.7	13
77	Galerkin Spectral Approximation of Elliptic Optimal Control Problems with $$H^1$$ H 1 -Norm State Constraint. Journal of Scientific Computing, 2016, 67, 65-83.	1.1	15
78	Piecewise Legendre spectral-collocation method for Volterra integro-differential equations. LMS Journal of Computation and Mathematics, 2015, 18, 231-249.	0.9	10
79	A mixed multiscale finite element method for convex optimal control problems with oscillating coefficients. Computers and Mathematics With Applications, 2015, 70, 297-313.	1.4	4
80	Superconvergence of fully discrete rectangular mixed finite element methods of parabolic control problems. Journal of Computational and Applied Mathematics, 2015, 286, 79-92.	1.1	1
81	A Posteriori Error Estimates of Semidiscrete Mixed Finite Element Methods for Parabolic Optimal Control Problems. East Asian Journal on Applied Mathematics, 2015, 5, 85-108.	0.4	5
82	Convergence Analysis of Legendre-Collocation Methods for Nonlinear Volterra Type Integro Equations. Advances in Applied Mathematics and Mechanics, 2015, 7, 74-88.	0.7	27
83	Error Analysis for a Non-Monotone FEM for a Singularly Perturbed Problem with Two Small Parameters. Advances in Applied Mathematics and Mechanics, 2015, 7, 196-206.	0.7	1
84	Error estimates of spectral Legendreâ€“Galerkin methods for the fourth-order equation in one dimension. Applied Mathematics and Computation, 2015, 268, 1217-1226.	1.4	15
85	A posteriori error estimates of mixed finite element solutions for fourth order parabolic control problems. Journal of Inequalities and Applications, 2015, 2015, .	0.5	0
86	An adaptive moving grid method for a system of singularly perturbed initial value problems. Journal of Computational and Applied Mathematics, 2015, 274, 11-22.	1.1	9
87	SPECTRAL-COLLOCATION METHOD FOR FRACTIONAL FREDHOLM INTEGRO-DIFFERENTIAL EQUATIONS. Journal of the Korean Mathematical Society, 2014, 51, 203-224.	0.4	27
88	Superconvergence of fully discrete splitting positive definite mixed FEM for hyperbolic equations. Numerical Methods for Partial Differential Equations, 2014, 30, 175-186.	2.0	5
89	Superconvergence for General Convex Optimal Control Problems Governed by Semilinear Parabolic Equations. ISRN Applied Mathematics, 2014, 2014, 1-12.	0.5	3
90	Legendre spectral-collocation method for Volterra integral equations with non-vanishing delay. Calcolo, 2014, 51, 151-174.	0.6	14

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91	A Robust Adaptive Grid Method for a System of Two Singularly Perturbed Convection-Diffusion Equations with Weak Coupling. Journal of Scientific Computing, 2014, 61, 1-16.	1.1	40
92	Legendre spectral collocation method for neutral and high-order Volterra integro-differential equation. Applied Numerical Mathematics, 2014, 81, 15-29.	1.2	46
93	Convergence analysis of the Jacobi spectral-collocation method for fractional integro-differential equations. Acta Mathematica Scientia, 2014, 34, 673-690.	0.5	56
94	Error estimates and superconvergence of mixed finite element methods for fourth order hyperbolic control problems. Applied Mathematics and Computation, 2014, 244, 642-653.	1.4	2
95	Some error estimates of finite volume element method for parabolic optimal control problems. Optimal Control Applications and Methods, 2014, 35, 145-165.	1.3	17
96	Maximum norm a posteriori error estimates for a singularly perturbed differential difference equation with small delay. Applied Mathematics and Computation, 2014, 227, 801-810.	1.4	15
97	Error estimates for spectral approximation of elliptic control problems with integral state and control constraints. Computers and Mathematics With Applications, 2014, 68, 789-803.	1.4	11
98	A posteriori error estimates for control problems governed by nonlinear elliptic equations in hp-FEM. Applied Mathematics and Computation, 2014, 238, 163-176.	1.4	1
99	Two-Grid Discretization Scheme for Nonlinear Reaction Diffusion Equation by Mixed Finite Element Methods. Advances in Applied Mathematics and Mechanics, 2014, 6, 203-219.	0.7	13
100	Superconvergence analysis of fully discrete finite element methods for semilinear parabolic optimal control problems. Frontiers of Mathematics in China, 2013, 8, 443-464.	0.4	10
101	Variational discretization for optimal control problems governed by parabolic equations. Journal of Systems Science and Complexity, 2013, 26, 902-924.	1.6	3
102	A priori error estimates of mixed finite element methods for general semilinear elliptic optimal control problems. Computational Mathematics and Modeling, 2013, 24, 114-135.	0.2	2
103	Superconvergence of triangular Raviartâ€“Thomas mixed finite element methods for a bilinear constrained optimal control problem. Computers and Mathematics With Applications, 2013, 66, 1498-1513.	1.4	24
104	Superconvergence of RT1 mixed finite element approximations for elliptic control problems. Science China Mathematics, 2013, 56, 267-281.	0.8	6
105	A priori error estimates of finite volume element method for hyperbolic optimal control problems. Science China Mathematics, 2013, 56, 901-914.	0.8	9
106	Twoâ€Grid method for nonlinear parabolic equations by expanded mixed finite element methods. Numerical Methods for Partial Differential Equations, 2013, 29, 1238-1256.	2.0	31
107	A Note on Jacobi Spectral-Collocation Methods for Weakly Singular Volterra Integral Equations with Smooth Solutions. Journal of Computational Mathematics, 2013, 31, 47-56.	0.2	45
108	Superconvergence of a fullâ€discrete combined mixed finite element and discontinuous Galerkin method for a compressible miscible displacement problem. Numerical Methods for Partial Differential Equations, 2013, 29, 1801-1820.	2.0	17

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109	A posteriorierror estimates for mixed finite element approximation of nonlinear quadratic optimal control problems. Optimization Methods and Software, 2013, 28, 37-53.	1.6	3
110	Legendre spectral-collocation method for Volterra integral differential equations with nonvanishing delay. Communications in Applied Mathematics and Computational Science, 2013, 8, 67-98.	0.7	5
111	A Spectral Method for Second Order Volterra Integro-Differential Equation with Pantograph Delay. Advances in Applied Mathematics and Mechanics, 2013, 5, 131-145.	0.7	3
112	Superconvergence of Finite Element Methods for Optimal Control Problems Governed by Parabolic Equations with Time-Dependent Coefficients. East Asian Journal on Applied Mathematics, 2013, 3, 209-227.	0.4	2
113	Superconvergence for elliptic optimal control problems discretized by RT1 mixed finite elements and linear discontinuous elements. Journal of Industrial and Management Optimization, 2013, 9, 631-642.	0.8	0
114	A Priori Error Estimates of Crank-Nicolson Finite Volume Element Method for Parabolic Optimal Control Problems. Advances in Applied Mathematics and Mechanics, 2013, 5, 688-704.	0.7	3
115	Electronic Transport in a New Type Nano-Junction: Carbon Atomic Chain Inserted Into a Carbon Nanotube. Journal of Computational and Theoretical Nanoscience, 2012, 9, 1-4.	0.4	45
116	Convergence Analysis of the Spectral Methods for Weakly Singular Volterra Integro-Differential Equations with Smooth Solutions. Advances in Applied Mathematics and Mechanics, 2012, 4, 1-20.	0.7	51
117	A Posteriori Error Estimates of Lowest Order Raviart-Thomas Mixed Finite Element Methods for Bilinear Optimal Control Problems. East Asian Journal on Applied Mathematics, 2012, 2, 108-125.	0.4	13
118	Legendre Spectral Collocation Methods for Pantograph Volterra Delay-Integro-Differential Equations. Journal of Scientific Computing, 2012, 53, 672-688.	1.1	51
119	Variational discretization for parabolic optimal control problems with control constraints. Journal of Systems Science and Complexity, 2012, 25, 880-895.	1.6	9
120	A priori error estimates for higher order variational discretization and mixed finite element methods of optimal control problems. Journal of Inequalities and Applications, 2012, 2012, .	0.5	0
121	A posteriori error analysis for a fully discrete discontinuous Galerkin approximation to a kind of reactive transport problems. Journal of Systems Science and Complexity, 2012, 25, 398-409.	1.6	1
122	Error estimates of triangular mixed finite element methods for quasilinear optimal control problems. Frontiers of Mathematics in China, 2012, 7, 397-413.	0.4	7
123	Superconvergence of a combined mixed finite element and discontinuous Galerkin approximation for an incompressible miscible displacement problem. Applied Mathematical Modelling, 2012, 36, 1106-1113.	2.2	9
124	L âˆž-estimates of mixed finite element methods for general nonlinear optimal control problems. Journal of Systems Science and Complexity, 2012, 25, 105-120.	1.6	0
125	Error Estimates and Superconvergence of Mixed Finite Element Methods for Optimal Control Problems with Low Regularity. Advances in Applied Mathematics and Mechanics, 2012, 4, 751-768.	0.7	3
126	RICHARDSON EXTRAPOLATION AND DEFECT CORRECTION OF MIXED FINITE ELEMENT METHODS FOR ELLIPTIC OPTIMAL CONTROL PROBLEMS. Journal of the Korean Mathematical Society, 2012, 49, 549-569.	0.4	0

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127	A Legendreâ€“Galerkin Spectral Method for Optimal Control Problems Governed by Stokes Equations. SIAM Journal on Numerical Analysis, 2011, 49, 1625-1648.	1.1	35
128	Numerical Methods for Constrained Elliptic Optimal Control Problems with Rapidly Oscillating Coefficients. East Asian Journal on Applied Mathematics, 2011, 1, 235-247.	0.4	5
129	Superconvergence of Mixed Methods for Optimal Control Problems Governed by Parabolic Equations. Advances in Applied Mathematics and Mechanics, 2011, 3, 401-419.	0.7	7
130	Two-Grid Method for Nonlinear Reaction-Diffusion Equations by Mixed Finite Element Methods. Journal of Scientific Computing, 2011, 49, 383-401.	1.1	76
131	Superconvergence of a combined mixed finite element and discontinuous Galerkin method for a compressible miscible displacement problem. Acta Mathematicae Applicatae Sinica, 2011, 27, 481-494.	0.4	9
132	Polynomial spline approach for solving second-order boundary-value problems with Neumann conditions. Applied Mathematics and Computation, 2011, 217, 6872-6882.	1.4	19
133	A Legendre Galerkin spectral method for optimal control problems. Journal of Systems Science and Complexity, 2011, 24, 663-671.	1.6	6
134	Two improved algorithms and implementation for a singularly perturbed problem on moving meshes. Journal of Systems Science and Complexity, 2011, 24, 1232-1240.	1.6	1
135	A posteriori error estimates for hp finite element solutions of convex optimal control problems. Journal of Computational and Applied Mathematics, 2011, 235, 3435-3454.	1.1	26
136	A new smoothing Newton method for solving constrained nonlinear equations. Applied Mathematics and Computation, 2011, 217, 9855-9863.	1.4	8
137	Mean-square stability of semi-implicit Euler method for nonlinear neutral stochastic delay differential equations. Applied Numerical Mathematics, 2011, 61, 696-701.	1.2	35
138	Superconvergence property of finite element methods for parabolic optimal control problems. Journal of Industrial and Management Optimization, 2011, 7, 927-945.	0.8	7
139	Error estimates for parabolic optimal control problem by fully discrete mixed finite element methods. Finite Elements in Analysis and Design, 2010, 46, 957-965.	1.7	44
140	Superconvergence of triangular mixed finite elements for optimal control problems with an integral constraint. Applied Mathematics and Computation, 2010, 217, 2057-2066.	1.4	19
141	Error estimates of mixed finite element methods for quadratic optimal control problems. Journal of Computational and Applied Mathematics, 2010, 233, 1812-1820.	1.1	7
142	Error estimates of fully discrete mixed finite element methods for semilinear quadratic parabolic optimal control problem. Computer Methods in Applied Mechanics and Engineering, 2010, 199, 1415-1423.	3.4	67
143	A priori error analysis of a discontinuous Galerkin approximation for a kind of compressible miscible displacement problems. Science China Mathematics, 2010, 53, 2679-2696.	0.8	20
144	Error Estimates and Superconvergence of Mixed Finite Element Methods for Convex Optimal Control Problems. Journal of Scientific Computing, 2010, 42, 382-403.	1.1	79

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145	A Posteriori Error Estimates of Mixed Methods for Parabolic Optimal Control Problems. Numerical Functional Analysis and Optimization, 2010, 31, 1135-1157.	0.6	12
146	Convergence analysis of the Jacobi spectral-collocation methods for Volterra integral equations with a weakly singular kernel. Mathematics of Computation, 2010, 79, 147-147.	1.1	207
147	Superconvergence of Rectangular Mixed Finite Element Methods for Constrained Optimal Control Problem. Advances in Applied Mathematics and Mechanics, 2010, 2, 56-75.	0.7	16
148	Analysis of Two-Grid Methods for Nonlinear Parabolic Equations by Expanded Mixed Finite Element Methods. Advances in Applied Mathematics and Mechanics, 2009, 1, 830-844.	0.7	25
149	Recovery a Posteriori Error Estimates for General Convex Elliptic Optimal Control Problems Subject to Pointwise Control Constraints. Journal of Computational Mathematics, 2009, 27, 543-560.	0.2	9
150	Superconvergence for Optimal Control Problems Governed by Semi-linear Elliptic Equations. Journal of Scientific Computing, 2009, 39, 206-221.	1.1	51
151	Legendre spectral Galerkin method for second-kind Volterra integral equations. Frontiers of Mathematics in China, 2009, 4, 181-193.	0.4	57
152	error estimates of two-grid schemes of expanded mixed finite element methods. Applied Mathematics and Computation, 2009, 209, 197-205.	1.4	21
153	A semi-discretization method based on quartic splines for solving one-space-dimensional hyperbolic equations. Applied Mathematics and Computation, 2009, 210, 508-514.	1.4	17
154	L âˆž-error estimates of triangular mixed finite element methods for optimal control problems governed by semilinear elliptic equations. Numerical Analysis and Applications, 2009, 2, 74-86.	0.2	39
155	Spectral methods for weakly singular Volterra integral equations with smooth solutions. Journal of Computational and Applied Mathematics, 2009, 233, 938-950.	1.1	131
156	A Rectangular Finite Volume Element Method forÂaÂSemilinear Elliptic Equation. Journal of Scientific Computing, 2008, 36, 177-191.	1.1	6
157	A posteriori error estimates of spectral method for optimal control problems governed by parabolic equations. Science in China Series A: Mathematics, 2008, 51, 1376-1390.	0.5	23
158	A posteriori error estimates of mixed methods for miscible displacement problems. International Journal for Numerical Methods in Engineering, 2008, 73, 331-343.	1.5	4
159	Superconvergence of quadratic optimal control problems by triangular mixed finite element methods. International Journal for Numerical Methods in Engineering, 2008, 75, 881-898.	1.5	58
160	Error estimates of mixed methods for optimal control problems governed by parabolic equations. International Journal for Numerical Methods in Engineering, 2008, 75, 735-754.	1.5	26
161	First principles study of the band structure and dielectric function of (6,6) single-walled zinc oxide nanotube. Physica E: Low-Dimensional Systems and Nanostructures, 2008, 40, 499-502.	1.3	20
162	A posteriori error estimates for mixed finite element solutions of convex optimal control problems. Journal of Computational and Applied Mathematics, 2008, 211, 76-89.	1.1	78

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163	Convergence of FEM with interpolated coefficients for semilinear hyperbolic equation. Journal of Computational and Applied Mathematics, 2008, 214, 313-317.	1.1	13
164	A Legendreâ€“Galerkin Spectral Method for Optimal Control Problems Governed by Elliptic Equations. SIAM Journal on Numerical Analysis, 2008, 46, 2254-2275.	1.1	99
165	Superconvergence of mixed finite element methods for optimal control problems. Mathematics of Computation, 2008, 77, 1269-1291.	1.1	87
166	Analysis of two-grid methods for reaction-diffusion equations by expanded mixed finite element methods. International Journal for Numerical Methods in Engineering, 2007, 69, 408-422.	1.5	64
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