

2016 年发表的论文: (*通讯作者)

1. Hanzhang Hu, **Yanping Chen***, and Jie Zhou, Two-grid method for miscible displacement problem by mixed finite element methods and finite element method of characteristics, Computers and Mathematics with Applications, Vol. 72, Issue 11, December 2016, pp. 2694–2715. (SCI 刊物)
2. **Yanping Chen** and Libin Liu, An adaptive grid method for singularly perturbed time-dependent convection-diffusion problems, Communications in Computational Physics, Vol. 20, No. 5, November 2016, pp. 1340-1358. (SCI 刊物)
3. **Yanping Chen** and Hanzhang Hu, Two-grid method for miscible displacement problem by mixed finite element methods and mixed finite element method of characteristics, Communications in Computational Physics, Vol.19, No. 5, May 2016, pp. 1503-1528. (SCI 刊物)
4. **Yanping Chen** and Keyan Wang, Two-Grid scheme for the mixed finite element approximations of nonlinear hyperbolic equations, J NAT SCI South China Normal UNIV, Vol. 48, No. 3, 2016, pp. 1-6. (in Chinese)
5. **Yanping Chen** and Fenglin Huang, A new error estimates for elliptic optimal control problems with control and state constraints, J NAT SCI South China Normal UNIV, Vol. 48, No. 5, 2016, pp. 86-91. (in Chinese)
6. **Yanping Chen**, Jiaoyan Zeng, and Jie Zhou, L^p error estimates of two-grid method for miscible displacement problem, Journal of Scientific Computing, Vol. 69, Issue 1, 2016, pp. 28-51. (SCI 刊物)
7. Hanzhang Hu and **Yanping Chen***, A conservative difference scheme for two-dimensional nonlinear Schrödinger equation with wave operator, Numerical Methods for Partial Differential Equations, Vol. 32, Issue 3, 2016, pp. 862-876. (SCI 刊物)

8. **Yanping Chen** and Fenglin Huang, Galerkin spectral approximation of elliptic optimal control problems with H^1 -norm state constraint, *Journal of Scientific Computing*, Vol. 67, 2016, pp. 65-83. (SCI 刊物)
9. Xiulian Shi and **Yanping Chen***, Spectral-collocation method for Volterra delay integro- differential equations with weakly singular kernels, *Advances in Applied Mathematics and Mechanics*, Vol. 8, No. 4, 2016, pp. 648-669. (SCI刊物)
10. Fenglin Huang and **Yanping Chen***, Xiulian Shi, 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*, Vol. 8, No. 3, 2016, pp. 464-484. (SCI 刊物)
11. Yunxia Wei, **Yanping Chen**, Xiulian Shi, and Yuanyuan Zhang, Jacobi spectral collocation method for the approximate solution of multidimensional nonlinear Volterra integral equation, *SpringerPlus*, (2016) 5:1710. DOI 10.1186/s40064-016-3358-z (SCI 刊物)