

2018 年发表的论文：(*通讯作者)

1. Jiaoyan Zeng, **Yanping Chen***, and Hanzhang Hu, Two-grid method for compressible miscible displacement problem by CFEM-MFEM, Journal of Computational and Applied Mathematics, Vol. 337, 1 August 2018, pp. 175-189. (SCI 刊物, *通讯作者)
2. Keyan Wang and **Yanping Chen***, Analysis of two-grid discretization scheme for semilinear hyperbolic equations by mixed finite element methods, Mathematical Methods in the Applied Sciences, Vol. 41, Issue 9, June 2018, pp. 3370-3391. (SCI 刊物, *通讯作者)
3. Haotao Cai and **Yanping Chen***, A fractional order collocation method for second kind Volterra integral equations with weakly singular kernels, Journal of Scientific Computing, Volume 75, Issue 2, May 2018, pp. 970–992. (SCI 刊物)
4. Xin Zhao and **Yanping Chen***, Mortar element method for the coupling of Navier-Stokes and Darcy flows, Advances in Applied Mathematics and Mechanics, Vol. 10, No. 3, April 2018, pp. 710-734. (SCI 刊物, *通讯作者)
5. Zhikun Tian, **Yanping Chen***, and Jianyun Wang, Superconvergence analysis of bilinear finite element for the nonlinear Schrodinger equation on the rectangular mesh, Advances in Applied Mathematics and Mechanics, Vol. 10, Issue 2, April 2018, pp. 468-484. (SCI 刊物, *通讯作者)
6. Luoping Chen and **Yanping Chen***, A novel discretization method for semilinear reactiondiffusion equation, Advances in Applied Mathematics and Mechanics, Vol. 10, No. 2, April 2018, 375-389. (SCI 刊物)
7. Luoping Chen, **Yanping Chen***, and Xiong Liu, A two level sparse grid collocation method for semilinear stochastic elliptic equations, Computational Method in Applied Mathematics, Vol. 18, Issue 2, April 2018, pp. 165-179. (SCI 刊物)

8. Haitao Leng and **Yanping Chen***, Convergence and quasi-optimality of an adaptive finite element method for optimal control problems with integral control constraint, *Advances in Computational Mathematics*, Vol. 44, Issue 2, April 2018, pp. 367-394. (SCI 刊物)
9. Chuanjun Chen, **Yanping Chen***, and Xin Zhao, A posteriori error estimates of two-grid finite volume element methods for nonlinear elliptic problems, *Computers and Mathematics with Applications*, Vol. 75, Issue 5, March 2018, pp. 1756-1766. (SCI 刊物)
10. Yunxia Wei, **Yanping Chen***, and Xiulian Shi, A spectral collocation method for multidimensional nonlinear weakly singular Volterra integral equation, *Journal of Computational and Applied Mathematics*, Vol. 331, No. 15, March 2018, pp. 52-63. (SCI 刊物)