Wang Yanjie

Areas of Research

Stress physiology and ecological remediation of ornamental aquatic plants

Contact Information

Office location: Room D105 Administration North Building (Address: College of Horticulture, Nanjing Agricultural University, No. 1 Weigang, Nanjing, 210095, China)

Office phone： 086-025-84395969

Email address： zjjwyj@njau.edu.cn

Research Interests

Stress physiology and ecological remediation of ornamental aquatic plants, such as *Nelumbo nucifera*, *Nymphaea tetragona*, and so on.

Education Background

Bachelor： Beijing Forestry University

Doctor： Beijing Forestry University

Work experience

Lecturer, Nanjing Agricultural University, 2013-2016

Associate Professor, Nanjing Agricultural University, 2017-

Honors and Awards

Selected Publication

Wang Yanjie, Yuan Man, Li Zexin, Niu Yeqing, JinQijiang, Zhu Bin, Xu Yingchun.Effects of ethylene biosynthesis and signaling on oxidative stress and antioxidant defense system in

Nelumbo nucifera G. under cadmium exposure. Environmental Science and Pollution Research. 2020

Wang Yanjie, Chen Yeqing, Yuan Man, Xue Zeyun, Jin Qijiang, Xu Yingchun, Flower color diversity revealed by differential expression of flavonoid biosynthetic genes in sacred lotus. Journal of the American Society for Horticultural Science. 2016, 141: 573~582

Wang Yanjie, Dong Chunlan, Xue Zeyun, Jin Qijiang, Xu Yingchun, De novo transcriptome sequencing and discovery of genes related to copper tolerance in *Paeonia ostii*, Gene, 2016, 576: 126~135

Wang Yanjie, Zhang Chao, Wang Xiaoqing, Wang Weiran, Dong Li. Involvement of glucose in the regulation of ethylene biosynthesis and sensitivity in cut *Paeonia suffruticosa* flowers. Scientia Horticulturae 2014, 169: 44~50

Wang Yanjie, Zhang Chao, Jia Peiyi, Wang Xiaoqing, Wang Weiran, Dong Li. Isolation and expression analysis of three EIN3-like genes in tree peony (*Paeonia suffruticosa*). Plant Cell, Tissue and Organ Culture, 2013, 112: 181~190