

Zhou Lijie



Areas of Research

The mechanism of flower color formation in chrysanthemum.

Contact Information

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Education Background

Bachelor: Shandong Agricultural University

Doctor: Shandong Agricultural University

Work experience

Lecturer, Nanjing Agricultural University, 2018-

Honors and Awards

Excellent Report Award of youth Academic Forum of 2017 National Plant Biology Conference

Excellent Doctoral dissertation of Shandong Agricultural University

Outstanding Doctoral graduate of Shandong Agricultural University

Selected Publication

Li-Jie Zhou, Chun-Ling Zhang, Rui-Fen Zhang, Gui-Luan Wang, Yuan-Yuan Li, Yu-Jin Hao. The SUMO E3 Ligase MdSIZ1 Targets MdbHLH104 to Regulate Plasma

Membrane H⁺-ATPase Activity and Iron Homeostasis. *Plant Physiology*. 2019, 179: 88 – 106.

Li-Jie Zhou[#], Yuan-Yuan Li[#], Rui-Fen Zhang, Chun-Ling Zhang, Xing-Bin Xie, Cheng Zhao, Yu-Jin Hao. The small ubiquitin-like modifier E3 ligase MdSIZ1 promotes anthocyanin accumulation by sumoylating MdMYB1 under low-temperature conditions in apple. *Plant, Cell and Environment*. 2017, 40: 2068 – 2080. (# Co-first author)

Li-Jie Zhou, Ke Mao, Yu Qiao, Yuan-Yuan Li, Yu-Jin Hao. Functional identification of MdPIF1 as a Phytochrome Interacting Factor in apple. *Plant Physiology and Biochemistry*. 2017, 119: 178-188.

Rui-Fen Zhang, **Li-Jie Zhou**, Yuan-Yuan Li, Chun-Xiang You, Guang-Li Sha, Yu-Jin Hao. Apple SUMO E3 ligase MdSIZ1 is involved in the response to phosphate deficiency. *Journal of Plant Physiology*. 2019, 232: 216-225.
