

Jiang Li



Areas of Research

The physiology and molecular biology of ornamental plants

Contact Information

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Research interests

- ✓ Molecular mechanisms of floral organ development and flowering time control in orchids.
 - ✓ Color improvement in ornamental plants
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Education Background

Doctor: Vegetable Science, China Agricultural University (CAU), 2010-2015

Selected Publication

Jianyu Zhao[#], **Li Jiang**[#], Gen Che[#], Yupeng Pan, Yanqiang Li, Yu Hou, Wensheng Zhao, Yanting Zhong, LianDing, ShuangshuangYan, Chengzhen Sun, Renyi Liu, Liying Yan, Tao Wu, Xuexian Li, Yiqun Weng, Xiaolan Zhang^{*}, A functional allele of *CsFUL1* regulates fruit length through repressing *CsSUP* and inhibiting auxin transport in cucumber, *The Plant Cell*, 2019, 31: 1289-1307

Li Jiang, Xingkai Tian, Yanxia Fu, Xuezhu Liao, Guangdong Wang^{*}, Fadi Chen, Comparative profiling of microRNAs and their effects on abiotic stress in wild-type and dark green leaf color mutant plants of *Anthurium andraeanum* 'Sonate', *Plant Physiology and Biochemistry*, 2018, 132: 258-270

Lian Ding[#], Shuangshuang Yan[#], **Li Jiang**[#], Wensheng Zhao, Kang Ning, Jianyu Zhao, Xiaofeng Liu, Juan Zhang, Qian Wang, Xiaolan Zhang^{*}, *HANABA TARANU* (*HAN*) bridges meristem and organ primordia boundaries through *PINHEAD*, *JAGGED*, *BLADE-ON-PETIOLE2* and *CYTOKININ OXIDASE 3* during flower development in *Arabidopsis*, *PLoS Genetics*, 2015, 11(9): e1005479

Chunhua Chen[#], Meiling Liu[#], **Li Jiang**[#], Xiaofeng Liu, Jianyu Zhao, Shuangshuang Yan, Sen Yang, Huazhong Ren^{*}, Renyi Liu^{*}, Xiaolan Zhang^{*}. Transcriptome profiling reveals roles of meristem regulators and polarity genes during fruit trichome development in cucumber (*Cucumis sativus* L.), *Journal of Experimental Botany*, 2014, 65, 4943-4958

