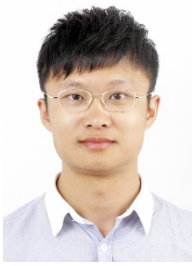
一、教育及工作经历



2011 至今，南京农业大学 资源与环境科学学院 植物营养系 讲师

2006-2011，南京农业大学 资源与环境科学学院 植物营养学 农学博士

2002-2006，南京农业大学 生命科学学院 国家生命科学与技术人才培养基地 理学学士

二、研究领域及方向

研究领域：植物磷素营养分子生物学

研究方向：1) 植物磷信号转导途径解析
2) 植物磷与激素信号途径的交互作用及其机制
3) 植物磷与碳代谢信号途径的交互作用及其机制
4) 植物磷与氮信号途径的交互作用及其机制

三、主持科研项目

1、国家重点研发计划项目课题 (2016YFD0100703)
2、国家自然科学基金青年项目 (31301831)
3、教育部博士点基金 (20120097120016)
4、中央高校基本科研业务费资金项目 (KYZ201306)

四、发表论文

Gu M, Chen AQ, Sun SB, Xu GH*. 2016. Complex regulation of plant phosphate transporters and the gap between molecular mechanisms and practical application: what is missing? **Molecular Plant** 9: 396-416

Gu M#*, Liu W#, Meng Q, Zhang WQ, Chen AQ, Sun SB, Xu GH. 2014. Identification of microRNAs in six solanaceous plants and their potential link with phosphate and mycorrhizal signalings. **Journal of Integrative Plant Biology** 56(12): 1164-1178 (*Corresponding author; #Co-first author)

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Gu M, Xu K, Chen AQ, Zhu YY, Tang GL, Xu GH. 2010. Expression analysis suggests potential roles of microRNAs for phosphate and arbuscular mycorrhizal signaling in *Solanum lycopersicum*. **Physiologia Plantarum** 138: 226-237

Li YT, **Gu M**, Zhang X, Li PP, Zhang J, Li ZF, Xu GH. 2014. Engineering a sensitive visual tracking reporter system for real-time monitoring phosphorus deficiency in tobacco. **Plant Biotechnology Journal** 12: 674-684

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