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**研究方向**

植物与寄生植物的相互作用

**学习经历**

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| --- | --- | --- |
| 2007.09- 2014.06 | **生物化学与分子生物学，硕博连读** | 华中农业大学 生命科学与技术学院; 导师：邢永忠 教授 |
| 2003.09-2007.07 | **农业科学，学士** | 河南科技大学 农学院 |

**工作经历**

2014.09–至今: 中国科学院昆明植物研究所，助理研究员

**发表文章**

Lei Gao#**, Guojing Shen**#**,** Lingdan Zhang, Jinfeng Qi, Cuiping Zhang, Canrong Ma, Jing Li, Lei Wang, Saif UI Malook, Jianqiang Wu\*，An efficient system composed of maize protoplast transfection and HPLC-MS for studying the biosynthesis and regulation of maize benzoxazinoids. Plant Methods, 2019, 15:144-156 (Co-First Author)

**Guojing Shen**, Wei Hu, Bo Zhang, Yongzhong Xing\*, The regulatory network mediated by circadian clock genes is related to heterosis in rice. Journal of Integrative Plant Biology, 2015, 57(3): 300-312

**Guojing Shen**, Yongzhong Xing\*, Two novel QTLs for heading date are identified using a set of chromosome segment substitution lines in rice (Oryza sativa L.). Journal of Genetics and Genomics, 2014, 41(12):659-662

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Yunting Lei, Yuxing Xu, Christian Hettenhausen, Chengkai lu, **Guojing Shen**, Jing Li, Honghui Lin\*, Jianqiang Wu\*, Comparative analysis of alfalfa (Medicago sativa L.) leaf transcriptomes reveals genotype-specific salt tolerance mechanisms. BMC Plant Biology, 2018, 18:35.

Zhanyi Zhang#, Wei Hu#, **Guojing Shen**, Haiyang Liu, Yong Hu, Xiangchun Zhou, Touming Liu, Yongzhong Xing\*, Alternative functions of Hd1 in repressing or promoting heading are determined by Ghd7 status under long-day condition. Scientific Reports, 2017, 7:5388.

**基金与项目**

国家自然科学基金青年基金，31600213，野生番茄响应昆虫唾液中FAC诱导物的遗传基础研究，2017/01-2019/12，结题，主持。

国家自然科学基金面上基金，31970274，菟丝子介导的磷胁迫系统性信号在寄主植物间长距离运输研究，2020/01-2023/12，在研，参与。

国家自然科学基金青年基金，31800227，寄主植物间通过菟丝子传递干旱系统性信号的研究，2018/01-2020/12，在研，参与。

NSFC-云南省联合基金项目，U1502263,玉米丝裂原活化蛋白激酶（MAPK）信号系统抗虫功能及分子机理研究，2016/03-2020/03，结题，参与。