



乔 鑫

职 称：副教授，硕士生导师

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研究方向：

1. 果树基因组学与遗传育种（主要围绕梨树开展研究）
2. 生物信息学与组学大数据挖掘
3. 植物基因组进化规律研究，基因组多倍化和重复基因进化机制解析

教育经历：

- | | |
|---------------------|--------------------|
| 2012. 09 - 2018. 12 | 南京农业大学，果树学，农学博士学位 |
| 2015. 10 - 2016. 10 | 美国佐治亚大学，国家公派联合培养博士 |
| 2008. 09 - 2012. 07 | 山西农业大学，园艺，农学学士学位 |

工作经历：

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| 2019. 05 - 今 | 南京农业大学园艺学院，副教授，硕导 |
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代表性科研成果：

2020

Zeng W[†], **Qiao Xin[†]**, Li Q, Liu C, Wu J, Yin H, Zhang S: Genome-wide identification and comparative analysis of the ADH gene family in Chinese white pear (*Pyrus bretschneideri*) and other Rosaceae species. **Genomics** 2020, 112(5):3484-3496.

Liu C[†], **Qiao Xin**[†], Li Q, Zeng W, Wei S, Wang X, Chen Y, Wu X, Wu J, Yin H et al: Genome-wide comparative analysis of the BAHD superfamily in seven Rosaceae species and expression analysis in pear (*Pyrus bretschneideri*). **BMC Plant Biology** 2020, 20(1):14.

2019

Qiao Xin, Li Q, Yin H, Qi K, Li L, Wang R, Zhang S* and Paterson AH*: Gene duplication and evolution in recurring polyploidization-diploidization cycles in plants. **Genome Biology** 2019, 20:38.

Li Q[†], **Qiao Xin**[†], Yin H, Zhou Y, Dong H, Qi K, Li L, Zhang S*: Unbiased subgenome evolution following recent whole-genome duplication in pear (*Pyrus bretschneideri*). **Horticulture Research** 2019, 6:34.

2018

Qiao Xin, Yin H, Li L, Wang R, Wu J, Wu J, Zhang S*: Different Modes of Gene Duplication Show Divergent Evolutionary Patterns and Contribute Differently to the Expansion of Gene Families Involved in Important Fruit Traits in Pear (*Pyrus bretschneideri*). **Frontiers in Plant Science** 2018, 9(161).

2015

Qiao Xin, Li M, Li L, Yin H, Wu J, Zhang S*: Genome-wide identification and comparative analysis of the heat shock transcription factor family in Chinese white pear (*Pyrus bretschneideri*) and five other Rosaceae species. **BMC Plant Biology** 2015, 15(1):12.

2014

乔鑫, 李梦, 殷豪, 李雷廷, 吴俊, 张绍铃*: 果树全基因组测序研究进展. **园艺学报** 2014, 41(1):165-177.