**Curriculum vitae**

**CONTACT INFORMATION**

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**EDUCATION EXPERIENCE**

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| 09.2013-07.2020 | PH.D.Biochemistry and Molecular Biology | Kunming Institute of Botany, Chinese Academy of Sciences, Kunming, China (Supervisor: Prof. Jianqiang Wu) |
| 09.2009-07.2013 | B.S.Bioscience | Xinzhou Teachers University,Xinzhou, China |

**WORK EXPERIENCE**

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| 01.2024- | Assistant professor | Kunming Institute of Botany, Chinese Academy of Sciences, Kunming, China |
| 08.2022-12.2023 | Assistant professor | Xishuangbanna Tropical Botanical Garden, Chinese Academy of Sciences, Kunming, China |
| 08.2020-07.2022 | Postdoc,Biochemistry and Molecular Biology | Kunming Institute of Botany, Chinese Academy of Sciences, Kunming, China (Co-supervisor: Prof. Jianqiang Wu and Prof. Han Guo) |

**PUBLICATIONS**

1. **Cuiping Zhang**, Jing Li, Sen Li, Canrong Ma, Hui Liu, Lei Wang, Jinfeng Qi\*, and Jianqiang Wu\* (2021) ZmMPK6 and ethylene signaling negatively regulate the accumulation of anti-insect metabolites DIMBOA and DIMBOA-Glc in maize inbred line A188. ***New Phytologist*** (229): 2273-2287.
2. **Cuiping Zhang**, Yunting Lei, Chengkai Lu, Lei Wang\*, and Jianqiang Wu\* (2020) MYC2, MYC3, and MYC4 function additively in wounding-induced jasmonic acid biosynthesis and catabolism. ***Journal of Integrative Plant Biology*** 62(8): 1159-1175.
3. Nian Liu, Guojing Shen, Yuxing Xu, Hui Liu, Jingxiong Zhang, Shalan Li, Jing Li, **Cuiping Zhang**, Jinfeng Qi, Lei Wang, and Jianqiang Wu\* (2020) Extensive inter-plant protein transfer between Cuscuta parasites and their host plants. ***Molecular Plant*** 13(4): 573-585.
4. Saif ul Malook, Jinfeng Qi, Christian Hettenhausen, Yuxing Xu, **Cuiping Zhang**, Jingxiong Zhang, Chengkai Lu, Jing Li, Lei Wang, and Jianqiang Wu\* (2019) The oriental armyworm (*Mythimna separata*) feeding induces systemic defence responses within and between maize leaves. ***Philosophical Transactions of the Royal Society B-Biological Sciences*** 374(1767): 20180307.
5. Lei Gao, Guojing Shen, Lingdan Zhang, Jinfeng Qi, **Cuiping Zhang**, Canrong Ma, Jing Li, Lei Wang, Saif Ul Malook and Jianqiang Wu\* (2019) An efficient system composed of maize protoplast transfection and HPLC-MS for studying the biosynthesis and regulation of maize benzoxazinoids. ***Plant Methods*** 15(1).
6. Huifu Zhuang, Juan Li, Juan Song, Christian Hettenhausen, Meredith C. Schuman, Guiling Sun, **Cuiping Zhang**, Jing Li, Dunlun Song, and Jianqiang Wu\* (2018) Aphid *(Myzus persicae*) feeding on the parasitic plant dodder (*Cuscuta australis*) activates defense responses in both the parasite and soybean host. ***New Phytologist*** 218(4): 1586-1596.
7. Jinfeng Qi, Saif ul Malook, Guojing Shen, Lei Gao, **Cuiping Zhang**, Jing Li, Jingxiong Zhang, Lei Wang, and Jianqiang Wu\* (2018) Current understanding of maize and rice defense against insect herbivores. ***Plant Diversity*** 40(4): 189-195.
8. Chengkai Lu, Jinfeng Qi, Christian Hettenhausen, Yunting Lei, Jingxiong Zhang, Mou Zhang, **Cuiping Zhang**, Juan Song, Jing Li, Guoyan Cao, Saif ul Malook, and Jianqiang Wu\* (2018) Elevated CO2 differentially affects tobacco and rice defense against lepidopteran larvae via the jasmonic acid signaling pathway. ***Journal of Integrative Plant Biology*** 60(5): 412-431.
9. Yunting Lei, Yuxing Xu, Christian Hettenhausen, Chengkai Lu, Guojing Shen, **Cuiping Zhang**, Jing Li, Juan Song, Honghui Lin\*, and Jianqiang Wu\* (2018) Comparative analysis of alfalfa (*Medicago sativa L.*) leaf transcriptomes reveals genotype-specific salt tolerance mechanisms. ***BMC Plant Biology*** 18(1): 35.

**GRANTS**

1. Jan. 2022-Dec. 2024, National Natural Science Foundation of China (No. E11T2812).
2. Jul. 2021-Dec. 2022, Yunnan Province Key Laboratory Open Project (No. E16I38)
3. Feb. 2021-Dec. 2022, Postdoctoral Directional Training Foundation of Yunnan Province (No. E13258)
4. Nov. 2020-Dec. 2021, Yunnan Province Key Laboratory Open Project (No. E03K68)