



## 王静

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### 教育和工作经历

2011.9-2015.6 南京农业大学植物保护学院, 植物保护, 农学学士

2015.9-2020.6 浙江大学农业与生物技术学院, 植物病理学, 农学博士

2020.7-2022.9 浙江大学农业与生物技术学院, 博士后

### 研究方向

植物病原真菌学、真菌分子生物学、小麦赤霉病绿色防控

### 科研项目

国家自然科学基金青年科学基金项目 雷帕霉素抑制禾谷镰刀菌DON毒素合成的机制研究, 3210170026, 30万元, 2022.01 - 2024.12, 主持;

中国博士后基金面上项目 染色体重塑复合体ISWI调控禾谷镰刀菌DON毒素合成的机制研究, 2021M702882, 8万元, 2022.01-2023.12, 主持(已结题)。

### 第一或共同第一身份发表论文

1. **Jing Wang**, Chaoyun Xu, Qiming Sun, Jinrong Xu, Yunrong Chai, Gabriele Berg, Tomislav Cernava, Zhonghua Ma and Yun Chen. (2021) Post translational regulation is involved in intra-microbiome suppression of fungal pathogens[J]. *Microbiome*, 9: 131. (IF<sub>2020</sub>: 14.650)
2. Yun Chen\*, **Jing Wang**\*, Nan Yang, Ziyue Wen, Xueping Sun, Yunrong Chai and Zhonghua Ma (2018). Wheat microbiome bacteria can reduce virulence of a plant pathogenic fungus by altering histone acetylation[J]. *Nature Communications*, 9(1): 3429. (IF<sub>2020</sub>: 14.919, \*Co-first author)
3. **Jing Wang**, Chao Liu, Yun Chen, Youfu Zhao and Zhonghua Ma (2021) Protein acetylation and deacetylation in plant-pathogen interactions[J]. *Environmental Microbiology* 23(9): 4841-4855. (IF<sub>2020</sub>: 5.491)
4. **Jing Wang**, Haixia Wang, Chenying Zhang, Tianjing Wu, Zhonghua Ma and Yun Chen (2019) Phospholipid homeostasis plays an important role in fungal development, fungicide resistance and virulence in *Fusarium graminearum*[J]. *Phytopathology Research*, 1(1):16.

### 共同身份发表论文

5. Guangfei Tang\*, Jianlong Yuan\*, **Jing Wang**, Yizhe Zhang, Sisi Xie, Hongkai Wang, Zeng Tao, Huiquan Liu, Corby H. Kistler, Youfu Zhao, Chengguo Duan, Wende Liu, Zhonghua Ma and Yun Chen (2021) Fusarium BP1 is a reader of H3K27 methylation[J]. *Nucleic Acids Research*, 49(18): 10448-10464. (IF<sub>2020</sub>: 16.971, \*Co-first author)
6. Na Liu, **Jing Wang**, Yingzi Yun, Jinli Wang, Chaoyun Xu, Siqi Wu, Luona Xu, Baohua Liu, Ilana Kolodkin-Gal, Dawood H. Dawood, Youfu Zhao, Zhonghua Ma and Yun Chen (2021) The NDR kinase-MOB complex FgCot1-Mob2 regulates polarity and lipid metabolism in *Fusarium graminearum*[J]. *Environmental Microbiology*, 23(9): 5505-5524. (IF<sub>2020</sub>: 5.491)
7. Ahai Chen, Zhenzhen Ju, Jinli Wang, **Jing Wang**, Hongkai Wang, Jiayu Wu, Yanni Yin, Youfu Zhao, Zhonghua Ma and Yun Chen (2020) The RasGEF FgCdc25 regulates fungal development and virulence in *Fusarium graminearum* via cAMP and MAPK signaling pathways [J]. *Environmental Microbiology*, 22(12): 5109-5124. (IF<sub>2020</sub>: 5.491)
8. Zhihui Wang, Tianling Ma, Yunyan Huang, **Jing Wang**, Yun Chen, H. Corby Kistler, Zhonghua Ma and Yanni Yin (2019) A fungal ABC transporter FgAtm1 regulates iron homeostasis via the transcription factor cascade FgAreA-HapX[J]. *Plos Pathogens*, 2019, 9(15). (IF<sub>2020</sub>: 6.823)
9. Yun Chen, Shiyu Zheng, Zhenzhen Jun, Chengqi Zhang, Guangfei Tang, **Jing Wang**, Ziyue Wen, Wei Chen and Zhonghua Ma (2018) Contribution of peroxisomal docking machinery to mycotoxin biosynthesis, pathogenicity and pexophagy in the plant pathogenic fungus *Fusarium graminearum*[J]. *Environmental Microbiology*, 20(9): 3224-3245. (IF<sub>2020</sub>: 5.491)
10. **Jing Wang**, Yun Chen, Nan Yang, Zhonghua Ma (2017) Characterization of the interaction between biological control agent ZJU60 and *Fusarium graminearum*[J]. *Phytopathology*, 107(12): 23-24. (IF<sub>2020</sub>: 4.025, Meeting Abstract)
11. Yun Chen, **Jing Wang**, Nan Yang, Ziyue Wen, Xuepeng Sun, Yunrong Chai, Shengyang He, Zhonghua Ma (2019) Epigenetic regulation mediated by a member of the wheat head microbiome reduces virulence and growth of a major wheat fungal pathogen [J]. *Toxin*, 158: S34-S34. (IF<sub>2020</sub>: 3.033, Meeting Abstract)

发布时间2022-10-18 15:30:25