

一、教育经历

2014.10-2017.04: 荷兰乌特勒支大学, 环境生物学系, 博士

2009.09-2012.06: 南京农业大学, 生物学理科基地班, 学士

二、工作经历

2017.09 至今: 南京农业大学, 植物营养系, 讲师

三、获奖情况

Travel Grant of 1st Global Soil Biodiversity Conference, Dijon, France, 2014

四、教学情况

农业资源利用专硕必修课: 《资源利用与技术进展》、《农业资源调查与评价》

五、主持项目

1. 国家自然科学基金青年基金, 41807045, 有益菌群高效抑制土传青枯菌入侵番茄根际的机制: 铁载体效应的研究, 2019.01-2021.12, 25万;

2. 江苏省“双创博士”(世界名校类)资助, 2020.01-2022.12;

3. 中国博士后科学基金面上(第65批)资助, 2019M650116, 氮素形态调控根际生防菌-土传青枯菌互作的机制研究, 2019.06-2022.06, 一等资助12万;

4. 国家重点研发计划, 2018YFD0201400, 梨树和桃树化肥农药减施技术集成研究与示范, 2018.07-2020.12, 60万, 参加;

5. 国家重点研发计划, 2018YFD0201100, 特色经济作业化肥农

药减施技术集成研究与示范，2018.07-2020.12，50万，参加。

六、发表论文

Tianjie Yang, Gang Han, Qingjun Yang, Ville-Petri Friman, Shaohua Gu, Zhong Wei, George A. Kowalchuk, Yangchun Xu, Qirong Shen, Alexandre Jousset. Resource stoichiometry shapes community invasion resistance via productivity-mediated species identity effects, *Proceedings of the Royal Society B*, 2018, 285: 20182035

Zhong Wei, Jianfeng Huang, **Tianjie Yang**, Alexandre Jousset, Yangchun Xu*, Qirong Shen, Ville-Petri Friman. Seasonal variation in the biocontrol efficiency of bacterial wilt is driven by temperature-mediated changes in bacterial competitive interactions, *Journal of Applied Ecology*, 2017, 54: 1440-1448

Tianjie Yang, Zhong Wei*, Ville-Petri Friman, Yangchun Xu, Qirong Shen, George A. Kowalchuk, Alexandre Jousset. Resource availability modulates biodiversity-invasion relationships by altering competitive interactions, *Environmental Microbiology*, 2017, 19(8): 2984-2991

Jie Hu#, Zhong Wei##, Ville-Petri Friman, Shaohua Gu, Xiaofang Wang, Nico Eisenhauer, **Tianjie Yang**, Jing Ma, Qirong Shen, Yangchun Xu*, Alexandre Jousset. Probiotic diversity enhances rhizosphere microbiome function and plant disease suppression, *mBio*, 2016, 7(6): e01790-16

Zhong Wei#, **Tianjie Yang**#, Ville-Petri Friman, Yangchun Xu, Qirong Shen*, Alexandre Jousset. Trophic network architecture of root-associated bacterial communities determines pathogen invasion and plant health, *Nature Communications*, 2015, 6: 8413

七、其他

1. 国际学术会议报告

Siderophore-mediated microbial interactions determine pathogen growth and disease incidence, *Rhizosphere 5*, Canada, 7-11 July 2019

Genome reconstructions predict the functionality of microbial communities, *Second Global Soil Biodiversity Conference*, China, 15-19

October 2017

Network architecture of rhizosphere bacterial community and ecological similarity with the pathogen predicts plant protection from an infection, First Global Soil Biodiversity Conference, France, 02-05

December 2014

2.指导经历

Biodiversity and Ecology literature review, Master Course, Supervisor, 2016

Bachelor graduation article, Supervisor, 2015

Environmental nutrition and resources, Master Course, Guest lecturer, 2015

Ecology and Evolution, Bachelor Course, Supervisor, 2015