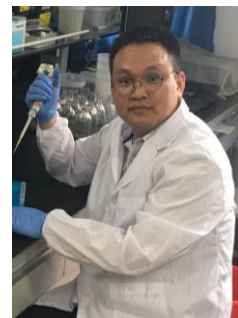


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从事专业: 土壤微生物与生物肥料

研究方向: 根际微生物与作物健康、有机养分生物转化与促效机制

教育经历:

- ◆ 2007.9-2012.6: 南京农业大学资环学院植物营养学系硕博连读, 获农学博士学位
- ◆ 2003.9-2007.6: 南京农业大学资环学院农业资源与环境专业, 获农学学士学位

工作经历:

- ◆ 2015.1- : 南京农业大学 资源与环境科学学院 副教授
- ◆ 2012.6-2014.12 南京农业大学 资源与环境科学学院 讲师

主持科研项目:

- ◆ 砷穗互作下西瓜根际化学多样性与生物多样性的偶联关系研究, 国家自然科学基金面上项目 (31772398), 2018.1-2021.12, 60 万元, 项目主持人;
- ◆ 连作土壤上嫁接西瓜的根际微生物区系特征及其形成机理, 国家自然科学基金 (31301853), 2014.1-2016.12, 23 万元, 项目主持人;
- ◆ 稻麦肥药减量与周年高产高效集成技术方案—稻麦畜禽有机肥培肥利用及增效技术, 江苏省农业科技自主创新资金项目子任务 (CX(16)1001), 2016-2019, 140 万, 子任务负责人;
- ◆ 嫁接西瓜根际化学环境与微生物群落关系研究, 国家博士后基金特别资助 (2016T90473), 2016-2017, 15 万元, 项目主持人;
- ◆ 经济作物抑病型土壤微生物区系形成机制研究, “973”计划项目“作物高产高效的土壤微生物区系特征及其调控”子课题 (2015CB150503), 2015.1-2019.12, 80 万元, 研究骨干;

主要论文:

◆ 第一作者 (或通讯作者)

Luo G, Rensing C, Chen H, Liu M, Wang M, Guo S, **Ling N***, Shen QR (2018) Deciphering the associations between soil microbial diversity and ecosystem multifunctionality driven by long-term fertilization management. **Functional Ecology** DOI:10.1111/1365-2435.13039 (**通讯作者**)

- Luo G, Friman V-P, Chen H, Liu M, Wang M, Guo S, **Ling N***, Shen QR (2018) Long-term fertilization regimes drive the abundance and composition of N-cycling-related prokaryotic groups via soil particle-size differentiation. **Soil Biology and Biochemistry** 116: 213-223 (**通讯作者**)
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- Xue C, Penton CR, Zhu C, Chen H, Duan YH, Peng C, Guo SW, **Ling N***, Shen QR (2018) Alterations in soil fungal community composition and network assemblage structure by different long-term fertilization regimes are correlated to the soil ionome **Biology and Fertility of Soils** 54: 95–106. (**通讯作者**)
- Song Y, Kong YL, Wang JC, Ruan Y, Huang QW, **Ling N***, Shen QR (2018) Identification of the produced volatile organic compounds and the involved soil bacteria during decomposition of watermelon plant residues in a Fusarium-infested soil. **Geoderma** 315: 178-1871 (**通讯作者**)
- Guo JJ¹, **Ling N¹ (equal contributor)**, Chen H, Zhu C, Kong YL, Wang M, Shen QR, Guo SW (2017) Distinct drivers of activity, abundance, diversity and composition of ammonia-oxidizers: evidence from a long-term field experiment. **Soil Biology and Biochemistry** 115: 403-414
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- Zhu C, **Ling N***, Guo JJ, Wang M, Guo SW and Shen QR (2016) Impacts of Fertilization Regimes on Arbuscular Mycorrhizal Fungal (AMF) Community Composition Were Correlated with Organic Matter Composition in Maize Rhizosphere Soil. **Frontiers in Microbiology** 7:1840. doi: 10.3389/fmicb.2016.01840 (**通讯作者**)
- Song Y, Zhu C, Raza W, Wang DS, Huang QW, Guo SW, **Ling N***, Shen QR, 2016. Coupling of the chemical niche and microbiome in the rhizosphere: implications from watermelon grafting. **Frontiers of Agricultural Science and Engineering** DOI: 10.15302/J-FASE-2016105 (**通讯作者**)
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◆ 主要合作作者文章

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For more details can be found in ResearchGate:

https://www.researchgate.net/profile/Ning_Ling?ev=hdr_xprf