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教育经历：

1997.7—2001.7 南开大学，微生物学专业，学士；

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工作经历：

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主要研究方向：农业微生物资源开发与应用。

发表文章情况：

1. Li Xu, Wang Huanhuan, Li Xiang, Li Xinyu , Zhang Huiwen. Distribution characteristics of fungal communities with depth in paddy fields of three soil types in

China. *Journal of Microbiology*, 2020, 58: 279–287.

2. Xu Li, Huanhuan Wang, Xiang Li, Xinyu Li, Huiwen Zhang. Shifts in bacterial community composition increase with depth in three soil types from paddy fields in China. *Pedobiologia - Journal of Soil Ecology*. 2019,77:150589

3. Jian Wang, Xinyu Li, Xu Li, Huan Huan Wang, ZhenCheng Su, Xiujuan Wang, Huiwen Zhang. Dynamic changes in microbial communities during the bioremediation of herbicide (chlorimuron-ethyl and atrazine) contaminated soils by combined degrading bacteria. *PLOS ONE* (2018) 13(4): e0194753

4. Xinyu Li, Jing Sun, Huanhuan Wang, XuLi, JianWang, HuiwenZhang. Changes in the soil microbial phospholipid fatty acid profile with depth in three soil types of paddy fields in China. *Geoderma*. 290 (2017): 69–74

5 Xiaoli Zhang, Xu Li, Chenggang Zhang, et al. Ecological risk of long-term chlorimuron-ethyl application to soil microbial community: an in situ investigation in a continuously cropped soybean field in Northeast China. *Environmental Science and Pollution Research*, 2011,18:407-415.

6 Yang L, Li X, Li X, et al. Microbial Community Dynamics during the Bioremediation Process of Chlorimuron-Ethyl-Contaminated Soil by *Hansschlegelia* sp. Strain CHL1.[J]. *Plos One*, 2015, 10.

7. Liqiang Yang, Xinyu Li, Xu Li, et al. Improved stability and enhanced efficiency to degrade chlorimuron-ethyl by the entrapment of esterase SulE in cross-linked poly ( $\gamma$ -glutamic acid)/gelatin hydrogel.[J]. *Journal of Hazardous Materials*, 2015, 287c:287–295.

8. 李旭, 马福海, 王秀娟, 等. 大豆根腐病生防菌 KJB04-11 的鉴定及其产生的脂肽类抗生素. *生态学杂志*, 2012, 31 (06): 1453-1460.

9. 胡凤钗, 苏振成, 李旭, 等. 高效茈降解菌 N12 的分离鉴定与降解特性. *应用生态学报*, 2011, 22(6): 1566-1572.

发明专利:

李旭, 张惠文, 张成刚, 苏振成, 李新宇, 一种红树莓专用微生物有机复合肥料及

其制备方法, 2008.10.15, 中国, ZL 200710010959.3