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Research Interests

- **Soil fertility and improvement**
- **Resource utilization of waste**
- **Development of soil conditioner**

Publication

Distinction between Cr and other heavy − metal − resistant bacteria involved in CN cycling in contaminated soils of copper producing sites, Journal of Hazardous Materials, 2020, DOI:10.1016/j.jhazmat.2020.123454

Detoxification of heavy metals attributed to biological and non-biological complexes in soils around copper producing areas throughout China, Journal of Cleaner Production, 2021, DOI:10.1016/j.jclepro.2021.125999

Aliphatic hydrocarbons recovered in vegetables from soils based ontheir in-situ distribution in various soil humus fractions using asuccessive extraction method, Journal of Cleaner Production, 2018, DOI:10.1016/j.jhazmat.2017.12.012

Revealing new insights into different phosphorus-starving responses between two maize(Zea mays)inbred lines by transcriptomic and proteomic studies, Scientific Reports, 2017, DOI:10.1038/srep44294

Responses of absolute and specific enzyme activity to consecutive application of composted sewage sludge in a Fluventic Ustochrept, PLoS one, 2017, DOI:10.1371/journal.pone.0177796

The development of China-DNDC and review of its applications for sustaining chinese agriculture,Ecological Modelling,2017,DOI:10.1016/j.ecolmodel.2017.01.003

Shifts in soil bacterial communities induced by the controlled-release fertilizer coatings,Journal of Integrative Agriculture,2016, DOI:10.1016/S2095-3119(15)61309-0

Effects of Continuous Application of Soil mendments on Fluvo-Aquic Soil Fertility and Active Organic Carbon Components(CN), Scientia Agricultura Sinica, 2020, DOI:10.3864/j.issn.0578-1752.2020.16.009

Influence of the Application of Non-Hazardous Sewage Sludge on the Evolution of Soil Carbon Pool and Carbon Pool Managemeng Index(CN), Environmental Science, 2017, DOI:10.13227/j.hjkx.201607139

Predication of the sources of particulate polycyclic aromatic hydrocarbons in China with distinctive characteristics based on multivariate analysis, Journal of Cleaner Production, 2018, DOI:10.1016/j.jclepro.2018.03.091