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Research Interests

- Nutrient efficient utilization
- Nutrient cycling and biological transformation

Publication

Peanut yield, nutrient uptake and requirement in different regions of China, Journal of Intergative Agriculture, 2021, DOI: 10.1016/S2095-3119(20)63253-1

Spatial variation of seed yield, yield response, and nutrient requirements for soybean in Northeast China, Crop Science, 2020, DOI: 10.1002/csc2.20271

Change in straw decomposition rate and soil microbial community composition after straw addition in different long-term fertilization soils, Applied Soil Ecology, 2020, DOI: 10.1016/j.apsoil.2019.02.018

Soybean yield, nutrient uptake and stoichiometry under different climate regions of northeast China, Scientific Reports, 2020, DOI: 10.1038/s41598-020-65447-6

Changes in soil microbial community, enzyme activities and organic matter fractions under long-term straw return in north-central China, Agriculture, Ecosystems and Environment, 2016, DOI: 10.1016/j.agee.2015.09.028