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Research Interests

- **Soil fertilization and soil fertility improvement in cropland**
- **Soil organic carbon cycling and soil carbon sequestration**
- **Biogeochemical processes and mechanisms of C/N interaction**

Publication

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Long-term fertilization and intensive cropping enhance carbon and nitrogen accumulated in soil clay-sized particles of red soil in South China, Journal of Soils and Sediments, 2020, DOI: 10.1007/s11368-019-02544-8

Long-term fertilization leads to specific PLFA finger-prints in Chinese Hapludults soil, Journal of Integrative Agriculture, 2020, DOI: 10.1016/S2095-3119(19)62866-2

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Soil fertilization in cropland, Beijing/Science Press, 2009, ISBN: 978-7-03-023756-9