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Research Interests

- Genetic diversity evaluation of mushroom germplasm
- Growth development of edible fungi
- Quality test of mushroom spawn

Publication

The famous cultivated mushroom Bailinggu is a separate species of the *Pleurotus eryngii* species complex, *Scientific Reports*, 2016, DOI:10.1038/srep33066

Nitric Oxide improves the tolerance of *Pleurotus ostreatus* to heat stress by inhibiting mitochondrial aconitase, *Applied and Environmental Microbiology*, 2020, DOI:10.1128/AEM.02303-19

Metabolic response of *Pleurotus ostreatus* to continuous heat stress, *Frontiers in Microbiology*, 2020, DOI:10.3389/fmicb.2019.03148.

Genetic variation and population structure of the mushroom *Pleurotus ferulae* in China inferred from nuclear DNA analysis, *Journal of Integrative Agriculture*, 2016, DOI:10.1016/S2095-3119(16)61383-7



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Genetic variability and population structure of the mushroom *Pleurotus eryngii* var. *tuoliensis*, PLoS One, 2013, DOI: 10.1371/journal.pone.0083253