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Research Interests

- **The molecular mechanism of the glyoxylate cycle in edible mushrooms**
- **Factors affecting the spawn quality of edible mushroom**
- **How do the edible mushrooms respond to environment**

Publication

Effects of pH and Buffering on the Growth of Lentinula edodes Mycelium (CN),Scientia Agricultura Sinica,2020, DOI:10.3864/j.issn.0578-1752.2020.22.014

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Anoxia and anaerobic respiration are involved in “spawn-burning” syndrome for edible mushroom Pleurotus eryngii grown at high temperatures,Scientia Horticulturae,2016, DOI:10.1016/j.scienta.2015.12.035

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Evaluation of oyster mushroom strains for resistance to Pseudomonas tolaasii by inoculation in spawned substrates,European Journal of Plant Pathology,2013, DOI:10.1007/s10658-013-0223-6

Development of SSR markers for typing cultivars in the mushroom Auricularia auricula-judae, Mycological Progress,2012, DOI:10.1007/s11557-011-0798-2

A Novel Aspartic Protease with HIV-1 Reverse Transcriptase Inhibitory Activity from Fresh Fruiting Bodies of the Wild Mushroom Xylaria hypoxylon, Journal of Biomedicine and Biotechnology, 2012,DOI: 10.1155/2012/728975

Identification and Characterization of an Erwinia Causing Bacterial Soft-rot Disease on Pleurotus eryngii Cultivated in China(CN),International Journal of Peptide Research and TherapeuticsActa Edulis Fungi,2013,DOI:1005—9873(2013)03—0043—07

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