

Special Issue

Forest-Based Mushrooms and Instrumental Methods of Intensive Production

Message from the Guest Editors

Edible fungus is a kind of green food with delicious taste, rich nutrition, and certain medicinal effects. In recent years, edible mushroom cultivation, as established in a number of factory enterprises, is developing rapidly, as it provides a set of economic, ecological, and social benefits and is one of the big projects in the world. A large number of wild edible fungi resources have not been fully developed and utilized. The fundamental reason is that the nutrition and heredity of edible fungi are quite complex, the cultivation techniques of domestication are not obvious, and the management parameters of cultivation are not clear. The global forest resources are abundant and contains a large number of edible fungi resources that can be exploited and utilized. Therefore, the potential of domesticating and breeding edible forest fungi resources is great. How to breed edible fungus varieties which are popular in the market, easy to be acclimated and commercialized as soon as possible, and how to form a complete set of acclimation – these cultivation techniques and production management standards are urgent problems to be solved.

Guest Editors

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