

# Special Issue

## Flavor Chemistry and Sensory Evaluation of Horticultural Products

### Message from the Guest Editors

The ultimate goal of the horticultural industry is to satisfy consumers' various requirements. Thus, high-quality horticultural products should be good in terms of taste, smell, and appearance, with nutritious and healthy benefits to consumers, which are determined by their pigments, volatiles, flavonoids, and other metabolite profiles. However, the developments of food sensory evaluation and consumer science and the fast progress of omics technologies in horticultural plants seem to be extending in two parallel straight lines. The new concept of flavoromics has revealed that the flavor of horticultural products and the relationship between primary or secondary metabolisms can effectively guide breeding, cultivation, and the post-harvesting promotion techniques of horticultural crops, by helping to formulate breeding objectives and cultivation goals to continuously adapt to market demands. The purpose of this Special Issue is to present recent advances in flavor chemistry and sensory evaluation of horticultural products.

### Guest Editors

Prof. Dr. Juan Xu

Prof. Dr. Youyi Huang

Dr. Haipeng Zhang

### Deadline for manuscript submissions

closed (18 May 2023)



# Horticulturae

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## About the Journal

### Message from the Editor-in-Chief

Horticultural plants and their products provide sustenance, health, and beauty. A confluence of factors is putting increasing pressure on horticultural production to evolve, and innovative research is addressing these challenges. *Horticulturae* provides a venue to communicate research results in a rapid manner with open access, allowing everyone the opportunity to stay abreast of leading research addressing horticulture. I invite you to consider publishing the results of your research in this high quality, peer-reviewed journal.

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### Editor-in-Chief

Prof. Dr. Luigi De Bellis  
Department of Biological and Environmental Sciences and  
Technologies (DiSTeBA), Salento University, Lecce, Italy

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