

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

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 6.1



mdpi.com/si/133236

Horticulturae
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
horticulturae@mdpi.com

[mdpi.com/journal/
horticulturae](https://mdpi.com/journal/horticulturae)





Horticulturae

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 6.1



[mdpi.com/journal/
horticulturae](https://mdpi.com/journal/horticulturae)



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.

Editor-in-Chief

Prof. Dr. Luigi De Bellis
Department of Biological and Environmental Sciences and
Technologies (DiSTeBA), Salento University, 73100 Lecce, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubAg, AGRIS, FSTA, and other databases.

Journal Rank:

JCR - Q1 (Horticulture) / CiteScore - Q1 (Horticulture)