

Special Issue

Advances of Flavor and Aroma in Fruits, Vegetables and Aromatic Herbs

Message from the Guest Editor

It is well known that the presence of volatile compounds and their composition determine the specific aroma of fruits, vegetables, and aromatic herbs. The main chemical families present in fruits, vegetables, and aromatic herbs are monoterpenes, monoterpenoids, and phenylpropanoids. The composition and concentrations of volatile compounds depend on many factors, including climatic and soil conditions, seasonal variation, agronomical practices, cultivars, varieties, etc. On the other hand, sensory analysis is used to quantitatively determine the intensities of the main sensory properties and attributes of fruits, vegetables, and aromatic herbs as well as determine the preference by consumers. As a result of this, the Special Issue is aimed at gathering outstanding cross-disciplinary approaches (reviews and original research) applying the combination of instrumental analysis (volatile compounds extraction and analysis) and sensory analysis as a tool for quality control of fruits, vegetables, and aromatic herbs as affected by agronomical factors in order to provide extremely valuable information to farmers and growers or developers of new cultivars and varieties.

Guest Editor

Dr. Ángel Calín-Sánchez

Department of Agro-Food Technology, Escuela Politécnica Superior de Orihuela (EPSO), Universidad Miguel Hernández de Elche (UMH), 03312 Orihuela, Alicante, Spain

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

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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, Università del Salento, Centro Ecotekne, via Provinciale Lecce Monteroni, 73100 Lecce, Italy

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