

Special Issue

Identification and Bioactivity of Volatile Compounds in Fruits

Message from the Guest Editors

Thanks to the rapid development of analytical equipment, varying volatile compounds and compositions have been identified in different fruits and fruit extracts in recent times. These compounds are not only crucial to the flavor of fruit and related products but are also found with different types of bioactivities. Some important flavor compounds have been proven to have various health benefits including anti-inflammatory, antioxidant and antimicrobial activities. Understanding the important flavor compounds in fruits and their biological functions can help in promoting fruits and their healthy applications related to volatiles compounds. In this Special Issue of *Plants*, we encourage the submission of manuscripts focused on the identification and nutritional evaluation of volatile compounds in fruits, including identification of the key flavor compounds, development of analytical methods for quantitation of volatile compounds such as two-dimensional gas chromatography, high-resolution mass spectrometry and novel extraction methods and assessment of the bioactivities of volatile compounds in fruits.

Guest Editors

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Message from the Editor-in-Chief

Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

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