

Special Issue

Analysis of Phytochemicals and Nutritional Characterizations of Food Plants

Message from the Guest Editors

The analysis of Phytochemicals and Nutritional Characterizations of Food Plants is one of the current research areas that has attracted a great deal of attention over the years. Phytochemicals are plant-based bioactive compounds derived from various sources, have great antioxidant potential and are of great interest due to their beneficial effects on human health. The goal of this Special Issue of *Plants* is to provide insightful and critical advances on the chemical composition of human foods, analytical methods, Nutritional Characterizations data, quality control procedures and statistical treatments of the data, studies on the manipulation, storage, and use of food with increasing emphasis on phytochemicals components. Topics of interest include, but are not limited to:

- Analysis of bioactive constituents in food
- Nutritional Characterizations of Food plants
- Analysis of phytonutrients, and nutraceuticals in foods
- New methods for the chemical analysis of food plants
- Nutrient, bioactive non-nutrient and anti-nutrient components in food
- Food composition database development, management, and utilization

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Deadline for manuscript submissions

closed (30 November 2024)



Plants

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Impact Factor 4.1
CiteScore 7.6
Indexed in PubMed



mdpi.com/si/181697

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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, and 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.

Editor-in-Chief

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