

Special Issue

Recovery and Utilization of Bioactive Compounds from Fruit and Vegetable By-Products and Waste

Message from the Guest Editor

Fruits and vegetables play a crucial part in our diet and life; the demand for them has increased significantly recently as a result of the growing world population and changing dietary habits. Fruits and vegetables are consumed raw and at times are minimally processed or heavily processed, generating large quantities (from 25% to 30%) of waste and by-products along the entire supply and handling chain, presenting a serious nutritional, economical, and environmental problem.

Fruit and vegetable waste and by-products are mainly composed of seeds, skins, rinds, pulp remnants, roots, leaves, kernels, stems, flowers, and pomace, all of which are good sources of potentially valuable bioactive compounds, such as carotenoids, polyphenols, flavonoids, terpenes, dietary fibers, vitamins, enzymes, and oils. This Special Issue aims to gather reviews and original research on bioactive components extracted from fruits and vegetables wastes and by-products. Papers should discuss how their use is an important step toward sustainable improvement and provide information about phytochemicals and bioactivity linked to their potential applications in different fields.

Guest Editor

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Deadline for manuscript submissions

closed (30 May 2023)



Plants

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Impact Factor 4.1
CiteScore 7.6
Indexed in PubMed



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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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