

Special Issue

Extraction of Bioactives from Fruit and Vegetables: Physicochemical, Processing, and Nutritional Properties

Message from the Guest Editors

Bioactive compounds such as polyphenols, flavonoids, carotenoids, vitamins and dietary fibres from fruits and vegetables play a key role in promoting human health due to their antioxidant, anti-inflammatory and preventive properties. This Special Issue will provide an in-depth overview of the latest developments in extraction technologies, including conventional and innovative extraction methods. Particular attention will be given to sustainable extraction methods, such as ultrasonic extraction, supercritical fluid extraction and enzyme-assisted techniques, including the use of environmentally friendly solvents and the utilisation of food by-products, in line with global efforts to achieve environmentally friendly and cost-effective production systems. This Special Issue will also encourage authors to investigate how the physicochemical properties of bioactives, such as solubility, polarity and thermal stability, affect their extraction efficiency and stability and how different processing technologies (thermal and non-thermal) impact the nutritional quality, bioavailability and functional properties of the resulting products.

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About the Journal

Message from the Editor-in-Chief

Foods (ISSN 2304-8158) is an open access and peer reviewed scientific journal that publishes original articles, critical reviews, case reports, and short communications on food science. Articles are released monthly online, with unlimited free access. Currently, *Foods* has been indexed by the Science Citation Index Expanded (SCIE - Web of Science), PubMed, and Scopus. Our aim is to encourage scientists, researchers, and other food professionals to publish their experimental and theoretical results as much detail as possible. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global food science community.

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