

Special Issue

Sustainable Extraction and Valorization of By-Products from Food Processing

Message from the Guest Editors

This Special Issue on “Sustainable Extraction and Valorization of By-Products from Food Processing” aims to explore innovative approaches for converting food processing by-products into valuable resources, aligning with sustainability goals and circular economy principles. The food industry generates substantial waste, often rich in bioactive compounds, dietary fibers, proteins, lipids, and natural antioxidants, which can be used in food, pharmaceuticals, cosmetics, and bio-based materials. This Special Issue will mainly focus on the exploration of green extraction technologies, including supercritical fluid extraction, ultrasound-assisted extraction, microwave-assisted extraction, enzymatic hydrolysis, plant milking technology, etc., to improve extraction efficiency and reduce environmental effects. Additionally, studies on functional ingredient development, biological activities, safety evaluations, regulatory compliance, and industrial scalability are encouraged. We welcome original research, review articles, and case studies that advance the knowledge on food waste valorization, addressing technological, economic, and sustainable challenges.

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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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