

Special Issue

Extraction Technology in Food Processing and High-Value Utilization of By-Products

Message from the Guest Editors

The global food industry faces increasing pressure to improve resource efficiency, reduce waste, and innovate by producing high-quality, sustainable products.

Extraction technologies and the utilization of by-products are pivotal for addressing these challenges, offering pathways to recover valuable compounds, enhance food properties, and support circular economy initiatives. This Special Issue, titled "Extraction Technology in Food Processing and High-Value Utilization of By-Products," highlights recent advancements, trends, and applications in these crucial areas. We welcome original research articles, reviews, and case studies that explore the following:

- Novel Extraction Technologies: Innovative methods for isolating bioactive compounds, proteins, lipids, and other valuable components from raw materials and by-products;
- Applications in Food Processing: Practical integration of extraction techniques to improve food quality, nutritional value, or shelf life;
- Sustainable By-Product Utilization: Approaches to transform food industry by-products into high-value ingredients or materials, contributing to waste reduction and sustainability goals;

Guest Editors

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Deadline for manuscript submissions

closed (30 June 2025)



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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.

Editor-in-Chief

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 14.9 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).