

Special Issue

Green Extraction Techniques of Bioactive Compounds from Food By-Products

Message from the Guest Editors

The production of food waste has become a major economic and environmental problem for the food industry. The extraction of bioactive compounds from this food waste and its revalorization to contribute to the circular economy has become a major research issue in the last several years. In this context, the use of so-called “green extraction techniques” and “green solvents” has gained much attention. For this reason, this Special Issue of *Foods* is focused on the extraction of bioactive compounds present in food waste due to processing and specifically environmentally friendly extraction techniques. Potential topics include, but are not limited to, the following:

- Bioactive compounds, sources, extraction principles, and major challenges in using green technologies;
- Water-based green extraction techniques;
- Pressurized liquid extraction and supercritical fluid extraction;
- Microwave-assisted extraction;
- Ultrasound-assisted extraction;
- Enzyme-aided extraction;
- Pulsed electric fields;
- Negative-pressure cavitation extraction;
- Pressing/extrusion;
- Combination of green extraction techniques.

Guest Editors

Dr. Ana Isabel Andrés

Dr. María Luisa Timón Andrada

Dr. María Jesús Petróñ Testón

Deadline for manuscript submissions

closed (20 December 2024)



Foods

an Open Access Journal
by MDPI

Impact Factor 5.1
CiteScore 8.7
Indexed in PubMed



mdpi.com/si/144446

Foods
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
foods@mdpi.com

[mdpi.com/journal/
foods](https://mdpi.com/journal/foods)





Foods

an Open Access Journal
by MDPI

Impact Factor 5.1
CiteScore 8.7
Indexed in PubMed



[mdpi.com/journal/
foods](https://mdpi.com/journal/foods)



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

Prof. Dr. Arun K. Bhunia

1. Department of Food Science, Purdue University, West Lafayette, IN 47907, USA

2. Department of Comparative Pathobiology, Purdue University, West Lafayette, IN 47907, USA

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, FSTA, AGRIS, PubAg, and other databases.

Journal Rank:

JCR - Q1 (Food Science and Technology) / CiteScore - Q1 (Health Professions (miscellaneous))

Rapid Publication:

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).