



*foods*



an Open Access Journal by MDPI

## Fruits and Vegetables: Recent Advances in Sustainable Extraction and Processing Technologies

Guest Editors:

**Dr. Danijela Bursać Kovačević**

**Dr. Branimir Pavlic**

**Dr. Aleksandra Mišan**

**Prof. Dr. Predrag Putnik**

Deadline for manuscript  
submissions:

**closed (31 January 2024)**

### Message from the Guest Editors

Increasing the consumption of fruits and vegetables is associated with a growing interest in healthier dieting that is expected to continue in future. Fruits and vegetables are valuable sources of various bioactive compounds that are believed to have many health-promoting effects. Various thermal and non-thermal technologies, combined or individual, are now used in the processing and preservation of fruits and vegetables and their products. Sustainable technologies with lower environmental impacts that can warrant good efficiency compared to conventional technologies are subjects of intensive research interest. Fruit and vegetable by-products remaining after processing represent a low-cost material potentially rich in functional ingredients that could be useful for the food industry. Consequently, concentrated work is being conducted on new extraction technologies to improve the yield and functionality of the obtained extracts.

The contributions to this Special Issue will cover all research aspects related to sustainable extraction and processing technologies for fruits and vegetables and their by-products, with respect to the production of functional foods and additives.



[mdpi.com/si/124987](https://mdpi.com/si/124987)

# Special Issue



*foods*



an Open Access Journal by MDPI

## 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

## 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.

## Author Benefits

**Open Access:** free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

**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))

## Contact Us

---

*Foods* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/foods](http://mdpi.com/journal/foods)  
[foods@mdpi.com](mailto:foods@mdpi.com)  
[X@Foods\\_MDPI](https://twitter.com/Foods_MDPI)