



foods



an Open Access Journal by MDPI

Recent Advances in the Processing and Preservation of Agricultural Products

Guest Editor:

Dr. Antonela Ninčević Grassino

Department of Chemistry and Biochemistry, Faculty of Food Technology and Biotechnology, University of Zagreb, HR-10000 Zagreb, Croatia

Deadline for manuscript submissions:

20 December 2024

Message from the Guest Editor

A large proportion of agricultural products are lost from the field to the plate due to infestation by microorganisms. Among various agricultural products, fruits and vegetables have higher post-harvest losses due to high water activity, which is not only associated with microbial but also chemical and enzymatic reactions that negatively affect product quality. In order to extend the shelf life of agricultural products and avoid changes in colour, nutritional value and phytochemical properties, various preservation and processing techniques have been developed in combination with packaging methods. Thermal and non-thermal methods and their combinations have been developed to determine the suitability for processing various agricultural products. The aim of this Special Issue is, therefore, to compile the latest findings on the processing and preservation of agricultural products, their principles and process design, as well as the effectiveness of the nutritional and bioactive composition of the newly obtained products. Both original studies and reviews on advances, strategies and the quality of processed and preserved agricultural products are welcome.



mdpi.com/si/192199

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, USA

2. Department of Comparative
Pathobiology (Courtesy), Purdue
University, West Lafayette, IN,
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, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/foods
foods@mdpi.com
[X@Foods_MDPI](https://www.instagram.com/Foods_MDPI)