



foods



an Open Access Journal by MDPI

Food Processing: Chemical Composition, Sensory Quality, and Xenobiotic Evaluation

Guest Editors:

Prof. Dr. Alberto Angioni

Department of Life and
Environmental Sciences,
Università degli studi di Cagliari,
Cagliari, Italy

Dr. Mariateresa Russo

Department of Agricultural
Science, Mediterranean
University of Reggio Calabria,
Località Feo di Vito, 89122 Reggio
Calabria, Italy

Deadline for manuscript
submissions:

closed (15 December 2021)

Message from the Guest Editors

Processing can affect both the quality and safety of foods and beverages. The technological process can be applied to raw food materials to obtain edible foods, increase shelf life, or modify foods' structure to obtain new products. Processing influences foods' chemical composition as well as the bioavailability and bioaccessibility of nutrients and active compounds, modifying their nutritional and safety properties.

This Special Issue aims to collect relevant papers in the field of conventional and innovative food transformation processes focused on the chemical changes produced in the quality, composition, and safety aspects. Newly formed flavor, nutraceutical, or toxic substances, as well as advanced analytical techniques, are of particular interest.

Articles dealing with the chemical characterization of food for industrial processing will also be considered.



mdpi.com/si/54745

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 & 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](#)