Special Issue

Optimization of Non-thermal Technology in Food Processing

Message from the Guest Editors

The aim of this Special Issue, "Optimization of Non-thermal Technology in Food Processing", is to compare the most modern food technology processes, including high-pressure processing (HPP), pulsed electric field processing (PEF), high-pressure homogenization (HPH), ultraviolet light processing (UV) and cold plasma processing (CPP). Examples of the applications of these technologies on different food raw materials and methods of process parameter optimization will be given.

Guest Editors

Dr. Milan Houska

Czech Agrifood Research Center, 102 00 Prague, Czech Republic

Dr. Roman Buckow

School of Chemical and Biomolecular Engineering, Faculty of Engineering, The University of Sydney, Sydney, Australia

Deadline for manuscript submissions

closed (5 March 2025)



Foods

an Open Access Journal by MDPI

Impact Factor 5.1
CiteScore 8.7
Indexed in PubMed



mdpi.com/si/183463

Foods

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

mdpi.com/journal/ foods





Foods

an Open Access Journal by MDPI

Impact Factor 5.1 CiteScore 8.7 Indexed in PubMed



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 Lafavette. 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).

