



foods



an Open Access Journal by MDPI

Enzymes in Food Bioprocessing—Novel Food Enzymes, Applications, and Related Techniques

Guest Editor:

Prof. Dr. Xianghui Qi

School of Food and Biological
Engineering, Jiangsu University,
Zhenjiang 212013, China.

Deadline for manuscript
submissions:

closed (10 November 2023)

Message from the Guest Editor

Enzyme-based food bioprocessing is an attractive technology that offers an efficient, safe, and eco-friendly alternative to conventional food processing. Interest in enzymes for food processing has continued to grow as new enzyme-related techniques have emerged to better suit the diverse food processing environments and enable the development of new food products. Furthermore, with advances in the rational, evolutionary and microenvironmental engineering of proteins, there has been a significant improvement in enzyme performance, with their improved stability to temperatures, pH, and organic solvents, and more controlled use in food bioprocessing. In this Special issue, research areas may include (but are not limited to) the following:

- Novel food enzymes and their application in food processing.
- Advanced tools and technologies in enzymatic food processing.
- Enzymatic catalysis and reaction kinetics of food enzymes.
- Rational, evolutionary and microenvironment engineering of food enzymes.
- Techniques and technologies for food enzyme immobilization.
- Innovative strategies for food enzyme reuse and recycling.
- Techniques and strategies for new applications of food enzymes



mdpi.com/si/114779

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

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