Special Issue

Immobilized Enzymes in the Food Industry: Structure, Characteristics and Applications

Message from the Guest Editor

Enzymes are biological catalysts that play significant roles in the food industry. Enzyme immobilization is a technique that has revolutionized the use of enzymes by addressing some of the major limitations of free enzymes. By immobilizing enzymes onto solid supports, their productivity, stability and reusability are significantly improved, while the costs are reduced. This Special Issue aims to provide the latest advances or broader perspectives in this field. We welcome the submission of papers related to enzymes and immobilized enzymes in the following areas:

- Food processing (cereal, dairy, meat, vegetable and fruit, wine, tea, etc);
- Natural products;
- Food preservation;
- Quality and safety detection;
- Biomass-related process;
- New materials or strategies for enzyme immobilization;
- Food waste treatment.

Guest Editor

Prof. Dr. Mengfan Wang

School of Life Sciences, Faculty of Medicine, Tianjin University, Tianjin 300072, China

Deadline for manuscript submissions

closed (30 August 2025)



Foods

an Open Access Journal by MDPI

Impact Factor 5.1 CiteScore 8.7 Indexed in PubMed



mdpi.com/si/215321

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).

