

Special Issue

Recent Research and Application of Biochemical Determinations and Analytical Technologies in Foods

Message from the Guest Editor

Biochemical analysis and determination methods have always been important tools and key instruments for ensuring food safety, quality and nutritional value.

Biochemical analysis of food, as a discipline that combines food science and chemistry, can be used to determine (identify, quantify and characterize) all types of components in foods, including nutrients, contaminant residues and additives, etc. The field of biochemical analysis and detection of food has made significant advances in recent decades, developing new methods and techniques to meet the challenges of sensitivity, accuracy and cost-effectiveness.

In this Special Issue entitled "Recent Research and Applications of Biochemical Determination and Analytical Techniques in Food", we warmly welcome all experts and researchers in the field to submit scientific articles related to the above, aiming at expanding the multifaceted understanding of food products with advanced and multifaceted biochemical analytical techniques, while also providing a broad platform for the exchange of your research results.

Guest Editor

Dr. Xiaojun Bian

College of Food Science & Technology, Shanghai Ocean University,
Shanghai 201306, China

Deadline for manuscript submissions

closed (15 April 2025)



Foods

an Open Access Journal
by MDPI

Impact Factor 5.1
CiteScore 8.7
Indexed in PubMed



mdpi.com/si/198228

Foods

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

[mdpi.com/journal/
foods](https://mdpi.com/journal/foods)





Foods

an Open Access Journal
by MDPI

Impact Factor 5.1
CiteScore 8.7
Indexed in PubMed



[mdpi.com/journal/
foods](https://mdpi.com/journal/foods)



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 Lafayette, 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).