

## Special Issue

# Natural Products in Food: Chemical Structure, Extraction and Isolation, and Biological Activity

### Message from the Guest Editors

Due to their wide range of biological activity and low toxicity, natural products in food have become a popular topic for regulating health and preventing chronic diseases. For this reason, this Special Issue of *Foods* is focused on the chemical analysis, chemical database construction, rapid extraction and isolation technology of active chemical constituents of foods. At the same time, various experimental and computer approaches used for the active evaluation of natural products in food will also be presented. In this Special Issue, original research articles and reviews are welcome. Potential topics include, but are not limited to, the following: Chemical analysis and database construction, including flavonoids, polyphenol, saponin, and carotenoids;

Novel extraction methods, including ultrasonic- or microwave-assisted extraction, and solid-phase extraction;

Rapid isolation technology, including 2D or 3D chromatography, supercritical fluid chromatography, and countercurrent chromatography;

Bioactivity evaluation and application, including antioxidant, anti-tumor, anti-diabetes, and antibacterial activities;

---

### Guest Editors

Dr. Yan Ding

School of Food Science and Technology, Dalian Polytechnic University, Dalian 116034, China

Dr. Jingran Bi

School of Food Science and Technology, Dalian Polytechnic University, No. 1, Qinggongyuan, Ganjingzi District, Dalian 116034, China

---

### Deadline for manuscript submissions

closed (31 May 2024)



## Foods

---

an Open Access Journal  
by MDPI

---

Impact Factor 5.1  
CiteScore 8.7  
Indexed in PubMed



[mdpi.com/si/157191](https://mdpi.com/si/157191)

*Foods*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[foods@mdpi.com](mailto: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).