

Special Issue

Grain-Based Products: Innovative Processing Technologies and Quality

Message from the Guest Editor

Grain-based products play an important role in our diet and provide carbohydrates, proteins, lipids, micro-nutrients (vitamins and minerals), and other phytochemicals (phenolic compounds) for both children and adults. Wheat, maize, and rice are the major food grains. Oat, sorghum, millet, and barley are minor crops with food uses. The food industry is becoming increasingly competitive and needs to develop high-quality food products. It is important to explore novel technologies to produce grain-based foods with potential health benefits. The goal of grain-based product processing is to enhance health aspects, nutrition, flavour and taste, preservation, stabilization, and security of food as well as to ensure more diversity in the acceptability and preference of consumers. We invite submissions to this Special Issue that are focused on the aspects of innovative processing technologies that can be used for grain-based products and their effects on improving the quality of grain-based foods, including textural and sensory properties, nutrition, structural components, and shelf life.

Guest Editor

Prof. Dr. Xiaona Guo

School of Food Science and Technology, Jiangnan University, 1800
Lihu Avenue, Wuxi 214122, China

Deadline for manuscript submissions

closed (20 December 2022)



Foods

an Open Access Journal
by MDPI

Impact Factor 4.7
CiteScore 7.4
Indexed in PubMed



mdpi.com/si/117269

Foods

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 4.7
CiteScore 7.4
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, USA
2. Department of Comparative Pathobiology (Courtesy), Purdue University, West Lafayette, IN, 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 14.3 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the first half of 2024).