Special Issue

Sensors for Food Safety and Quality Assessment (2nd Edition)

Message from the Guest Editors

As the world's population and the popularity of healthy eating grow, so too have the consumer demands for food quality and safety. These demands have led food-focused researchers to develop advanced analytical methods and sensors enabling the rapid assessment of food safety and quality. This Special Issue will focus on such advanced sensors, including, but not limited to: optical sensors (infrared spectroscopy, Raman spectroscopy); computer vision; hyperspectral imaging; and bionic sensing technologies (electronic nose, electronic tongue). Papers on novel approaches for sensor data analysis based on strategies such as big data and deep learning are also welcome. With this Special Issue, we hope to present recent developments in sensors for food quality and safety assessment to promote the advancement of food analysis methods and data handling. Original research articles, reviews and short communications will all be accepted.

Guest Editors

Dr. Yujie Wang

Prof. Dr. Mingfei Pan

Dr. Yang Song

Deadline for manuscript submissions

closed (5 April 2025)

Foods

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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

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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).