



*foods*



an Open Access Journal by MDPI

## Advanced Analytical Strategies in Food Safety and Quality Monitoring

Guest Editors:

**Prof. Dr. Xiaobo Zou**

School of Food and Biological Engineering, Jiangsu University, 301 Xuefu Rd, Zhenjiang 212013, China

**Dr. Jiyong Shi**

School of Food and Biological Engineering, Jiangsu University, Zhenjiang 212013, China

Deadline for manuscript submissions:

**closed (20 October 2022)**

### Message from the Guest Editors

Dear Colleagues,

Food safety and quality have received increasing attention because of the increased demand for healthy food. Nowadays, food safety and quality assurance are still being challenged. Some well-developed analytical methods have been widely used to determine food safety and quality, but they are generally high in cost or time-consuming. Hence, it is desirable to develop analytical strategies to monitor food safety and quality rapidly or even in real-time. To achieve this, many efforts have been made in optical and electrical/electrochemical methods. Most of these methods are based on sensors and indicators that are generally small in size with rapid response to targets. As foods are generally complex matrices, the selectivity, sensitivity, and stability of the sensors and indicators should be sufficiently effective. To date, with the development of advanced materials, such as composite materials and nanomaterials, these sensors and indicators have been endowed with superior performance. We believe that increasing novel and advanced analytical strategies will be put into practical application and therefore help to protect our health.



[mdpi.com/si/100056](https://mdpi.com/si/100056)

**Special** Issue



*foods*



an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Arun K. Bhunia**

Department of Food Science,  
Department of Comparative  
Pathobiology (Courtesy), Purdue  
University, West Lafayette, IN,  
USA

## 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.

## Author Benefits

**Open Access:** free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

**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))

## Contact Us

---

*Foods* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/foods](http://mdpi.com/journal/foods)  
[foods@mdpi.com](mailto:foods@mdpi.com)  
[X@Foods\\_MDPI](https://twitter.com/Foods_MDPI)