

## Special Issue

# Biosensors and Applications for Food Analysis

### Message from the Guest Editor

We invite experts from various disciplines to contribute to this Special Issue with their expertise, covering the following topics:

- **Advanced Sensing Technologies:** Recent advances in sensor/biosensor technologies, IoT-based solutions
- **Quality Assurance:** Food quality assessment, freshness monitoring, shelf life evaluation, the detection of contaminants and adulterants, ensuring adherence to rigorous quality standards
- **Sensory Evaluation:** The integration of sensory data, machine learning, artificial intelligence to gain valuable insights into consumer preferences and sensory attributes
- **Safety and Compliance:** Examine sensors and analytical methods that enhance food safety: detecting allergens, pathogens, chemical residues, compliance with food regulations
- **Traceability and Transparency:** Sensor applications enabling traceability, transparency across the food supply chain, from farm to fork
- **Emerging Trends:** Trends in food analysis of wearable sensors, smartphone apps, portable devices for real-time food assessment
- **Dietary Management:** Wearable health biosensors are reshaping personalized food consumption, optimizing health diet management

### Guest Editor

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### Deadline for manuscript submissions

closed (20 September 2024)



## Sensors

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## About the Journal

### Message from the Editor-in-Chief

*Sensors* is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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### Editor-in-Chief

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