



*sensors*



an Open Access Journal by MDPI

## Sensors for Agri-Food Safety

Guest Editor:

**Dr. Mustafa Fatih Abasiyanik**

Pritzker School of Molecular Engineering, The University of Chicago, Edward H. Levi Hall, 5801 South Ellis Avenue, Chicago, IL 60637, USA

Deadline for manuscript submissions:

**closed (20 May 2023)**

### Message from the Guest Editor

This Special Issue will collect state-of-the-art agricultural/food sensor (AFS) technologies, used in ensuring safety in the agriculture/food industry. We welcome the submission of experimental and theoretical results, review articles, and short communications under the topic, “Sensors for Agri-Food Safety”, which includes research concerning the ways in which AFSs monitor the quality, safety, and economic value of agriculture/food products. In addition, during the processes of agricultural/food production, sensors monitor production parameters to increase the production yield, as well as minimizing environmental impact by measuring the levels of toxins and the misuse of GMOs and natural resources for sustainable production. Another subtopic is food fraud, including food adulteration and mislabeling, which is an economic threat to both industry and consumers. Finally, human health is a primary concern. Given that two recent pandemics—2009 Swine Flu and COVID-19—originated from a farm and a food market, respectively, AFS can play an enormous role in eliminating potential sources of future pandemics. Any submissions related to these given topics are welcome.



[mdpi.com/si/116368](https://mdpi.com/si/116368)

**Special** Issue



*sensors*



an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Vittorio M. N. Passaro**

Dipartimento di Ingegneria  
Elettrica e dell'Informazione  
(Department of Electrical and  
Information Engineering),  
Politecnico di Bari, Via Edoardo  
Orabona n. 4, 70125 Bari, Italy

## 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.

## 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](#), [MEDLINE](#), [PMC](#), [Ei Compendex](#), [Inspec](#), [Astrophysics Data System](#), and [other databases](#).

**Journal Rank**: JCR - Q2 (*Chemistry, Analytical*) / CiteScore - Q1 (Instrumentation)

## Contact Us

---

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

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

[mdpi.com/journal/sensors](http://mdpi.com/journal/sensors)  
[sensors@mdpi.com](mailto:sensors@mdpi.com)  
[X@Sensors\\_MDPI](#)