



sensors



an Open Access Journal by MDPI

Advances in Sensors Development for Environmental and Food Quality Assessment

Guest Editors:

Prof. Dr. Florentina-Daniela Munteanu

Faculty of Food Engineering,
Tourism and Environmental
Protection, "Aurel Vlaicu"
University of Arad, Arad, Romania

Dr. Claudiu-Ştefan Ursachi

Faculty of Food Engineering,
Tourism and Environmental
Protection, "Aurel Vlaicu"
University of Arad, 310330 Arad,
Romania

Dr. Simona Perţa-Crişan

Faculty of Food Engineering,
Tourism and Environmental
Protection, "Aurel Vlaicu"
University of Arad, 310330 Arad,
Romania

Deadline for manuscript
submissions:

closed (15 June 2024)

Message from the Guest Editors

This Special Issue aims to gather together original articles and reviews on advances in the development of physical and chemical sensors and biosensors for the detection of environmental pollutants, food safety and food quality monitoring.

Potential topics include but are not limited to:

- Sensors or biosensors for environmental monitoring
- Sensors or biosensors for food safety and food quality monitoring
- Novel sensing principles used for the development of the sensors
- Development of arrays of sensors for environmental and food quality assessment
- 3D printed technology for the fabrication of sensors
- Detection of food pathogens, additives, pesticides, drug residues, etc.
- Detection of environmental pollutants
- Continuous monitoring using sensors



mdpi.com/si/166661

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

mdpi.com/journal/sensors
sensors@mdpi.com
[X@Sensors_MDPI](#)