# **Special Issue**

## Nanomaterial-Based Gas Sensors for Environmental, Agroalimentary, Safety and Industrial Applications

## Message from the Guest Editors

In recent years, gas sensors have been widely used in different fields, such as human health, environmental monitoring, automotive, and IoT in general. The aim of this Special Issue is to highlight research with the potential to advance in new directions regarding new nanomaterials applied in gas sensor technology/devices. In particular, we plan to focus our attention on gas sensor applications for environmental (indoor and outdoor), agroalimentary (from raw materials to processed), safety, and industrial applications. We cordially invite you to submit original research systematically examining new sensing materials or preparation/integration methods. Sensors can support, help, and increase the food sector's abilities, as well as increasingly become more user-friendly and closer to real needs. The covered topics will be extended to sensing devices, networks, and an array of gas sensors.

#### Guest Editors

Prof. Dr. Giorgio Sberveglieri Department of Information Engineering (DII), University of Brescia, Via Branze 38, I25133 Brescia, Italy

#### Dr. Veronica Sberveglieri

1. CNR-IBBR, Institute of Bioscience and Bioresources, 50019 Sesto Fiorentino (FI), Italy 2. Department of Life Science, University of Modena and Reggio Emilia, 41121 Modena, Italy

## Deadline for manuscript submissions

closed (10 October 2023)



## Sensors

an Open Access Journal by MDPI

Impact Factor 3.5 CiteScore 8.2 Indexed in PubMed



mdpi.com/si/116210

Sensors Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 sensors@mdpi.com

mdpi.com/journal/

sensors





# Sensors

an Open Access Journal by MDPI

Impact Factor 3.5 CiteScore 8.2 Indexed in PubMed



sensors



## 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.

#### 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

## **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 (Instruments and Instrumentation) / CiteScore - Q1 (Instrumentation)