



*sensors*



an Open Access Journal by MDPI

## Gas Sensors and Gas Chromatography for Analytical Applications

Guest Editor:

**Dr. Tomasz Marcin Dymerski**

Department of Analytical  
Chemistry, Faculty of Chemistry,  
Gdańsk University of Technology,  
80-233 Gdańsk, Poland

Deadline for manuscript  
submissions:

**closed (31 August 2023)**

### Message from the Guest Editor

Dear Colleagues,

This Special Issue is devoted to the broad topic of the use of gas sensors and gas chromatography in analytical applications. The issue will focus on the latest technical solutions for the construction and application of gas sensors, new conceptual devices equipped with sensor systems, new products in the world of electronic noses, innovative processing of sensor signals and data treatment techniques with their implementation, and the development of new analytical methods taking into account the use of gas chromatography. These developments enable the identification and determination of key chemicals characterizing a given chemical phenomenon or process and provide further perspectives for the development of new methodological, conceptual, and design solutions in sensor applications. Independent research using gas sensors or gas chromatography is considered, but also combined research which explores the scientific synthesis of the previously mentioned approaches.

Link: <https://www.mdpi.com/si/77136>

Dr. Tomasz Marcin Dymerski

*Guest Editor*



[mdpi.com/si/77136](https://www.mdpi.com/si/77136)

**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](#)