



sensors



an Open Access Journal by MDPI

Optical Sensors for Gas Monitoring

Guest Editors:

Dr. Vanda Pereira

Dr. Marta S. Ferreira

Dr. João Micael Leça

Deadline for manuscript
submissions:

25 July 2024

Message from the Guest Editors

A variety of sensing tools are playing increasingly important roles in many applications, making data collection more feasible and easier, even in unusual places. Nowadays, several sensor technologies are rapidly being developed and improved, and at the same time they are becoming less expensive, smaller, and easily portable. In this way, optical sensors demonstrate great potential for the future. Though there are several kinds of sensors available on the commercial market to detect the presence of gases (namely toxic gases, combustible gases, and VOCs) or even gas mixtures, optical gas sensors are rapidly becoming the best method for their monitoring.

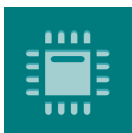
This upcoming Special Issue invites you to submit your manuscripts (short communications, original research experimental and theoretical papers, and review articles) regarding advances in the fundamental research and development of optical sensors for the detection of gases, including new sensor platforms and configurations, sensing mechanisms and innovative applications.

For more details, please visit [here](#).



mdpi.com/si/152797

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 (*Instruments & Instrumentation*) / CiteScore - Q1 (*Instrumentation*)

Contact Us

Sensors Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

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