

Special Issue

State of the Art in Photoacoustic and Photothermal Spectroscopy Gas Sensing

Message from the Guest Editors

In this Special Issue topic, papers regarding novel research, technology, and, in particular, the advanced methods and novel applications of various sensors are welcomed. Also, advanced sensor algorithms are welcomed. Research and review articles that describe the current state of the art are welcomed. Potential topics include, but are not limited to, the following: cantilever-enhanced photoacoustic spectroscopy, quartz-enhanced photoacoustic spectroscopy, and multiple-sound-source-excitation photoacoustic spectroscopy.

Guest Editors

Prof. Dr. Hongpeng Wu

Dr. Angelo Sampaolo

Dr. Xukun Yin

Dr. Ruyue Cui

Deadline for manuscript submissions

20 November 2025



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/202229

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

[mdpi.com/journal/
sensors](https://mdpi.com/journal/sensors)





Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



[mdpi.com/journal/
sensors](https://mdpi.com/journal/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)