



*sensors*



an Open Access Journal by MDPI

## Development, Investigation and Application of Acoustic Sensors

Guest Editor:

**Prof. Dr. Iren E. Kuznetsova**

Kotelnikov Institute of Radio  
Engineering and Electronics of  
RAS, 125009 Moscow, Russia

Deadline for manuscript  
submissions:

**closed (20 July 2022)**

### Message from the Guest Editor

Dear Colleagues,

The development of acoustic sensors is a very important scientific and technical issue. Acoustic sensors are widely applied in various technical systems that monitor the environment, provide biological and chemical safety, and are used in robotics, vehicles, signal processing devices, and numerous other applications. The Special Issue of *Sensors* entitled “Development, Investigation and Application of Acoustic Sensors” intends to present original research and critical review articles covering recent advances in all aspects of the development, production, testing, and application of acoustic sensors. It will provide an opportunity for researchers to publish their latest achievements related to the design, fabrication, modeling, testing, characterization, and application of selective, small-sized, cost-effective, and high-performance acoustic sensors. Authors are also invited to present advanced research trends in acoustic sensors technology combined with other physical principles (conductometric, optic, calorimetric, etc.).

For more information, please click: [mdpi.com/si/53107](https://mdpi.com/si/53107).

Prof. Dr. Iren E. Kuznetsova

*Guest Editor*



[mdpi.com/si/53107](https://mdpi.com/si/53107)

# 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](http://www.mdpi.com)

[mdpi.com/journal/sensors](http://mdpi.com/journal/sensors)  
[sensors@mdpi.com](mailto:sensors@mdpi.com)  
[X@Sensors\\_MDPI](#)