



sensors



an Open Access Journal by MDPI

Acoustic Wave Sensors for Gaseous and Liquid Environments

Guest Editors:

Dr. Cinzia Caliendo

Institute for Photonics and
Nanotechnologies, IFN-CNR, Via
Cineto Romano 42, 00156 Rome,
Italy

Prof. Dr. Iren E. Kuznetsova

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

Deadline for manuscript
submissions:

closed (29 February 2020)

Message from the Guest Editors

The Special Issue of SENSORS entitled “Acoustic Wave Sensors for gaseous and liquid environments” is intended to cover original research and critical review articles on recent advances in all aspects of the design, fabrication and test of acoustic wave devices and their application in the sensing field. It wants to show the emerging technologies of waveguide-based acoustic wave sensors and their application to gaseous and liquid environments. It will provide an opportunity for researchers to publish their latest achievements related to the design, fabrication, modeling, testing and characterization of cost-effective, small and high-performance acoustic wave sensors. Authors are also invited to present the advanced research trends in acoustic wave sensors technology for operation under extreme conditions (high temperature, high pressure, and caustic ambient).



mdpi.com/si/24987

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 and Instrumentation) / CiteScore - Q1 (Instrumentation)

Contact Us

Sensors Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

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