

Special Issue

Biosensors, Electrochemical Sensors, Mechanical Sensors and Integrated Systems

Message from the Guest Editor

Sensors, such as electrochemical sensors, biomedical sensors, mechanical sensors, etc., are essential components in systems being used for detection, diagnostics, monitoring, critical care, and public health. The detection of a variety of objects, and high sensitivity and selectivity are requirements of high-performance micro/nano sensors. The latest progresses and developments in the field of micro/nano technology have positive influences on the promotion of functional micro/nano sensors, especially in electrochemical sensors, mechanical sensors, and biosensors. Micro/nano sensors and integrated micro/nano systems are often employed in portable instruments and online monitoring instruments. Cost-effective, reliable, and rapid sensing are the research focus of micro/nano sensors and integrated micro/nano systems.

Guest Editor

Prof. Dr. Liang He

1. School of Mechanical Engineering, Sichuan University, Chengdu 610065, China
2. Med+X Center for Manufacturing, West China Hospital, Sichuan University, Chengdu 610041, China

Deadline for manuscript submissions

closed (29 April 2022)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/94359

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)