



## State-of-the-Art Sensors Technology in Japan 2023

Guest Editors:

**Dr. Sunghoon Lee**

Department of Electrical  
Engineering and Information  
Systems, School of Engineering,  
The University of Tokyo, Bunkyo-  
ku, Tokyo 113-8656, Japan

**Dr. Tomoyuki Yokota**

Department of Electrical  
Engineering and Information  
Systems, School of Engineering,  
The University of Tokyo, Bunkyo-  
ku, Tokyo 113-8656, Japan

Deadline for manuscript  
submissions:

**closed (31 August 2023)**

### Message from the Guest Editors

Dear Colleagues,

This Special Issue aims to provide a comprehensive overview of state-of-the-art sensor technology in Japan. Research articles are invited to advance our understanding of the state of the art in this area. The topics will include sensing devices (such as physical, electrical, chemical, and optical sensors), fabrication technologies (such as micro- and nanofabrication, and printed electronics), sensor systems (including system integration, power supply, and wireless transmission), and applications (including industry, agriculture, biomedical, sport, rehabilitation, augmented/virtual reality, and other fields).

Potential topics include, but are not limited to, the following:

- Physical sensing;
- Electrical sensing;
- Chemical sensing;
- Optical sensing and imaging;
- Materials for sensors;
- Principle and theory;
- Biomedical sensors;
- Wearables;
- Sensors and robotics;
- ...





*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 (*Chemistry, Analytical*) / CiteScore - Q1 (Instrumentation)

## Contact Us

---

*Sensors* Editorial Office  
MDPI, Grosspeteranlage 5  
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](#)