

## Special Issue

# The State-of-the-Art of Smart Materials Sensors and Actuators

### Message from the Guest Editors

The purpose of this Special Issue is to publish insightful and influential high-level review papers on the application of sensors and actuators using various smart materials. This Special Issue includes various types of review papers, such as chronological reviews, systematic reviews, specific aspect reviews, and application reviews. We expect these papers to be widely read and influential for researchers in related fields and to provide a variety of topics for discussion. The list of potential research topics includes but is not limited to:

- Principles of smart materials sensors and actuators;
- Design, modeling, and control of smart structures and systems;
- Passive and active vibration and noise control;
- Soft robotics and artificial muscles;
- Medical, haptic, and rehabilitation systems;
- Structural health monitoring;
- Flexible and wearable sensors;
- Energy harvesting systems;
- Other engineering applications such as aerospace fields.

---

### Guest Editors

Prof. Dr. Seung-Bok Choi

Department of Mechanical Engineering, The State University of New York at Korea (SUNY Korea), 119 Songdo Moonhwa-Ro, Yeonsu-Gu, Incheon 21985, Republic of Korea

Prof. Dr. Jung Woo Sohn

Department of Mechanical Design Engineering, Kumoh National Institute of Technology, Daehak-ro 61, Gumi 39177, Gyeongbuk, Republic of Korea

---

### Deadline for manuscript submissions

closed (30 August 2023)



## Sensors

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.5  
CiteScore 8.2  
Indexed in PubMed



[mdpi.com/si/124084](https://mdpi.com/si/124084)

*Sensors*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sensors@mdpi.com](mailto: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)