

## Special Issue

# AI-Driven Cybersecurity in IoT-Based Systems

### Message from the Guest Editors

A fingerprint which, determined with intelligent systems and continuously and dynamically updated, can act as a proactive tool to avoid various impacts and, through the adoption of IoT actions, to control industrial processes and/or sources. This Special Issue focuses on the study and development of these innovative systems which, through the measurement of multiple gaseous compounds, allow for the monitoring of complex systems, managing to characterize and define a fingerprint for control purposes. This Special Issue aims to collect original research and review articles on recent advances, technologies, solutions, applications, and new challenges in the field of advanced and smart instrumental systems for the monitoring and active control of GHG, VOCs, and environmental odours.

### Guest Editors

Prof. Dr. Wenbing Zhao

Department of Electrical Engineering and Computer Science, Cleveland State University, Cleveland, OH 44115, USA

Prof. Dr. Pan Wang

School of Modern Posts, Nanjing University of Posts and Telecommunications, Nanjing 210023, China

### Deadline for manuscript submissions

1 November 2025



## Sensors

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.5  
CiteScore 8.2  
Indexed in PubMed



[mdpi.com/si/194405](https://mdpi.com/si/194405)

*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)