

## Special Issue

# Sensors Based on Optical and Photonic Devices

### Message from the Guest Editor

The aim of this Special Issue is to collect, and make readily available, significant theoretical and/or experimental works in this research field, in order to propose performance improvement strategies and novelty in sensor architectures. Papers addressing a wide range of applications of optical and photonic sensors are sought. Topics include, but are not limited to, recent developments in the following areas: integrated interferometric sensors, ultra-high-Q photonic cavity sensors, fiber-optic-based sensors, photonic-crystal-based sensors, infrared and mid-infrared guided-wave photonic sensors, read-out for optical and photonic sensors.

### Guest Editor

Dr. Francesco De Leonardis

Department of Electrical and Information Engineering, Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

### Deadline for manuscript submissions

closed (20 April 2025)



## Sensors

---

an Open Access Journal  
by MDPI

---

**Impact Factor 3.5**  
**CiteScore 8.2**  
**Indexed in PubMed**



[mdpi.com/si/82277](https://mdpi.com/si/82277)

*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)