

Special Issue

Advanced Microwave Sensors and Their Applications in Measurement

Message from the Guest Editor

This Special Issue aims to delve into the development and applications of microwave sensors, and we invite authors to submit high-quality manuscripts to advance the progress of microwave sensors in the measurement field. The themes of microwave energy applications in production and life include, but are not limited to, the following: Wireless power supply for sensors; Real-time monitoring of environmental conditions, including air, water, and soil pollution, by microwave sensors; Sustainable green agriculture monitoring and power supply; Process monitoring in drying and heating fields; Real-time microwave sensors in biomedicine; Microwave power transmission and monitoring on the Internet of Things (IoT); New applications of real-time microwave sensing systems; Electromagnetic materials and microwave measurement principles Real-time monitoring in industrial production.

Guest Editor

Prof. Dr. Changjun Liu

School of Electronics and Information Engineering, Sichuan University, Chengdu 610064, China

Deadline for manuscript submissions

20 September 2025



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/206509

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)