

Special Issue

Topical Advisory Panel Members' Collection Series: "Terahertz Sensors"

Message from the Guest Editors

In recent years, terahertz technology has developed rapidly and has shown a wide range of potential applications in the fields of communication, imaging, detection, and medicine. Terahertz (THz) waves have the properties of good coherence, high signal-to-noise ratio, and low radiation energy and are widely used in the field of sensing. This Special Issue aims to provide a comprehensive overview of terahertz sensors. We seek research articles and reviews that provide insight into terahertz sensors. Topics of interest include (but are not limited to):

- Sensing mechanisms;
- Terahertz physics;
- Gas and liquid sensors;
- THz imaging systems;
- Chemical sensors;
- Biomedical sensors;
- Fiber optic sensors;
- THz sensors and arrays;
- THz diffractive optics;
- Medical imaging.

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Deadline for manuscript submissions

closed (20 May 2025)



Sensors

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Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



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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.

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