

Special Issue

Selected Papers from the 11th International Symposium on Sensor Science (I3S 2025)

Message from the Guest Editors

This Special Issue is being launched in collaboration with the 11th International Symposium on Sensor Science (I3S 2025), which will be held in Barcelona, Spain, from 17 to 19 November 2025. I3S 2025 participants are invited to submit full manuscripts to this Special Issue. A wide range of topics in the field of sensors will be covered during I3S 2025, divided into seven sessions:

- S1. 1D and 2D nanomaterial-based sensors;
- S2. Optical chemical sensors and biosensors;
- S3. Emerging trends in electrochemical sensors: from fundamentals to implantable technologies;
- S4. Electronic skin, flexible sensors, and wearables for physiological parameter monitoring;
- S5. Metal oxide-based gas sensors;
- S6. Physical sensors: from plasmonics to NEMS, MEMS, and resonators;
- S7. New trends in sensor and e-nose design and fabrication: from material discovery to modeling and data processing.

Submissions to this Special Issue will receive a 20% discount on the article processing charge. All manuscripts will undergo the same peer-review process as regular Sensors articles.

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Deadline for manuscript submissions

30 June 2026



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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