

Special Issue

Integrated Circuit Design and Sensing Applications

Message from the Guest Editor

Today, there are numerous applications that use various sensors in manufacturing, transportation, agriculture, environment, healthcare, etc. Integrated circuits and systems play a key role in the design and development of sensors. The advances of integrated circuit technology enable the implementation of high-performance and small-sized sensors. This Special Issue invites contributions on more recent developments and advances of integrated circuit design and sensing applications including biosensors, temperature sensors, pressure sensors, touch sensors, etc. It covers sensor devices, signal conditioning circuits, calibration, and AI-based processing techniques from multiple sensor data.

Guest Editor

Prof. Dr. Kang-Yoon Lee

School of Electronic and Electrical Engineering, Sungkyunkwan University, Suwon 16419, Korea

Deadline for manuscript submissions

closed (30 April 2023)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/132709

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)