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 Al-based processing techniques from multiple sensor data.

Guest Editor

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Deadline for manuscript submissions

closed (30 April 2023)



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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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