

Special Issue

Smart Sensors Based on Microelectronics and MEMS Technologies

Message from the Guest Editor

The number of currently available technologies for developing sensors is huge. Focusing on solid-state sensors, microelectronics, and microelectromechanical systems (MEMS) technologies are the most widely utilized because of their inherent capability of integration with associated integrated circuits. Such an advantage is crucial not only for IoT applications, but also for smart sensors, which are quite demanding nowadays. In this Special Issue, the current state of the art of smart sensors based on microelectronics and/or MEMS technologies will be analyzed. Physical, chemical, and biochemical smart sensors are of interest, but the issue is not restricted to them. Non-standard approaches such as the use of organic materials or flexible substrates are also considered. Their design, modelling, simulation, manufacturing, and applications are invited topics in this issue. For more information, please click: mdpi.com/si/99458

Guest Editor

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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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