

Sensors and Materials

Special Issue on

Materials, Devices, Circuits, Analytical Methods for Various Sensors (Selected Papers from ICSEVEN 2017)

Call for Papers

The era of ubiquitous sensing has begun recently thanks to the rapid development of IoT. Sensors are essential components of automotive electronic systems used in modern applications including smart industry, smart cities, smart cars, robots, and smart home. The aim of this issue will focus on all aspects of research and development related to sensors and materials, sensor circuits, readout circuits, analytical software and sensor applications.

We invite authors to contribute original research as well as comprehensive review articles on the recent progress in all kinds of materials, devices, circuits, analytical method, and applications related to various sensors. Potential topics include, but are not limited to:

- Sensor materials
- Sensor devices and sensor arrays/Nano sensors/MEMS sensor
- Electrochemical sensors
- Microwave sensors
- Sensor applications for industry, medicine, bio-signal monitoring, environmental monitoring, corrosion, etc.
- Analytical methods, modeling, readout circuits and software for various sensors
- Sensor technology and new sensor principles

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