Special Issue

Advanced Nanosensors and Nanomechanical Sensing Technology for Environment and Health Monitoring

Message from the Guest Editor

Nanosensors and nanomechanical sensing technology represent a rapidly developing and highly promising area for the measurement of various biological and environmental parameters at a nanoscale. Due to their small size, high detection accuracy, and rapid response, such sensors have been widely used in fields such as medical diagnosis, environmental pollution monitoring, precision instrument operation status monitoring, and implantable medicine. This Special Issue aims to bring together researchers in this area to break down barriers and develop innovative nanosensors and nanomechanical sensing technology for environment and health monitoring. Potential topics include, but are not limited to, the following:

- Biomedical nanosensors for healthcare;
- Wearable or implantable nanodevices for health parameters monitoring;
- Technologies for mechanical parameters detection in micro/nanoscale;
- Nanomechanical sensors for human motion detection;
- Chemical nanosensors for pollutants detection in daily living environment;
- New applications or improvement of existing biochemical nanosensors.

Guest Editor

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Deadline for manuscript submissions

closed (22 March 2024)

Sensors

an Open Access Journal by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed

mdpi.com/si/180530

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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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