

Special Issue

Micro/Nano and Electromagnetic Sensors

Message from the Guest Editors

Recent progress in the design, modeling, fabrication, and application of sensor systems at the micro- and nano-scales has shown potential for unprecedented growth in their deployment in next-generation healthcare diagnostics, environmental monitoring, energy and embedded wireless systems, and robotics and space applications. Original research articles, short communications, and review papers are encouraged. The topics of interest include, but are not limited to, the following: Chemical sensors; CMOS and microfluidic systems; Electronic circuits for sensors; Fabrication techniques for sensors; NEMS/MEMS sensors; Optical sensors; Piezoelectric sensors; Plasmonic sensors; Sensor functionalization; Sensor integration; Body-centric EM subsystems; Flexible, printed, and textile bioelectronics; IoT-based biosensor and wearable systems; Smart biomedical and wearable EM solutions; Wearable and implantable biosensors for healthcare.

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About the Journal

Message from the Editor-in-Chief

Biosensors is a leading journal, devoted to fast publication of the latest achievements, technological developments and scientific research in the exciting multidisciplinary area of biosensors. Both experimental and theoretical papers are published, including all aspects of biosensor design, technology, proof of concept and application. Special issues are devoted to specific technologies and applications, and a selection of the most outstanding papers each year is recognized. Pushing the boundaries of the discipline, we invite original papers, as well as timely reviews on cutting edge fields within the subject area.

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