Special Issue

Micro and Nanofabrication Technologies for On-chip Biosensing

Message from the Guest Editor

This Special Issue solicits both review and original research articles related to employing micro- and nanofabrication technologies that realize a wide range of sensing applications. Original papers that put forward novel fabrication technologies, sensing platforms, biological interfacing strategies, microfluidic approaches, cell-based sensing, detection and quantification of chemicals that pose both physiological and pathological effects such as reactive oxygen/nitrogen species (ROS/RNS), etc. are especially welcome.

- Biosensors
- Cell-based sensing
- Drug screening
- Electrochemical sensors
- Micro and Nanofabrication
- Microfluidics
- Microphysiological Systems
- Organs-on-chip
- Reactive oxygen/nitrogen species (ROS/RNS)

Guest Editor

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Deadline for manuscript submissions

closed (30 June 2022)

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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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