

Special Issue

Advances of Nanotechnologies in Biosensing and Bioimaging

Message from the Guest Editors

Recently, the field of nano-biosensors has grown rapidly. Nano-biosensors are being used for the detection of biomarkers related to the diagnosis of disease, and the application of nanomaterials in biosensing has influenced the biosensing field. The increase of surface area using nanomaterials has been important to high sensitivity and fast responsiveness. In the next decade, nano-biosensors will play an important role in diagnosis, image-guided therapy and development of personalized medicine. This Special Issue aims to introduce new smart nano-biosensors and their applications to improve cost-efficiency, sensitivity, and specificity of detection. We look forward to your participation in this Special Issue. We strongly encourage the submission of papers focusing on the topics described by the keywords below, but works on related topics will also be considered.

- Smart fluorescent/luminescent sensor
- Nanofluidics
- Nano-bio sensing
- Synthetic dye
- Ultrasensitive detection
- Artificial Intelligence

Guest Editors

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Deadline for manuscript submissions

closed (31 August 2021)



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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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