

Special Issue

Nanotechnology Applications in Sensors Development

Message from the Guest Editors

Nanotechnologies have established new scenarios for the use of optical methods in sensing applications. The miniaturization of matter provides interesting and unique optical properties, enabling the development of new sensing schemes and devices.

This Special Issue aims to offer an overview of the recent advances in the use of nanotechnologies for the development of optical sensors and their applications. Contributions that address but are not restricted to the following topics are welcome:

- semiconductor quantum dot technology for sensor development
- metallic nanoparticles and nanorods for biosensing
- up-converting nanophores
- nanosensors for in vitro bioanalysis
- nanotechnologies for Raman, SERS, and SEIRA sensing
- fluorescence-based nanosensors
- DNA-based nanosensors
- multimodal nanosensors
- plasmonic nanosensors
- ...

Guest Editors

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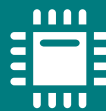
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Message from the Editor-in-Chief

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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