

Special Issue

Nanostructures and Nanocrystals for Sensing Studies

Message from the Guest Editor

This Special Issue explores the exciting world of nanomaterials in developing next-generation sensors. It will showcase original research on the design, fabrication, and application of nanostructures and nanocrystals for the sensitive detection of various targets. This Special Issue welcomes contributions on topics including, but not limited to, the following:

- Novel nanomaterials for sensing (quantum dots, metal nanoparticles, nanotubes, etc.);
- Engineering nanostructures for enhanced sensitivity and selectivity;
- Applications in light sensing, biodetection, chemical sensing, environmental monitoring, and more;
- Integration of nanomaterials with sensor platforms;
- Theoretical and computational studies on nanoscale sensing phenomena

This Special Issue aims to provide a platform for researchers to share cutting-edge advancements and foster collaborations in the rapidly evolving field of nanoscale sensing.

Guest Editor

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About the Journal

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.

Editor-in-Chief

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