Special Issue

Nanostructured Materials for High-Performance Sensors

Message from the Guest Editor

The synthesis of novel nanostructured materials and nanodevices for both sensors and environmental applications is of immense importance. Nanostructured materials provide unique electronic, magnetic, and chemical properties, making them both novel and attractive for the new generation of devices. The topics covered in this Special Issue will represent recent innovations in nanostructured materials synthesis and characterization for use in both sensors and environmental applications. This Special Issue will cover (but is not limited to) the following topics:

- nanostructured material synthesis and characterization
- graphene-based nanocomposites for electronic applications
- nanostructured materials for biosensor use and applications
- nano-oxides for CO catalytic oxidation and other catalytic applications
- graphene-based nanomaterials for environmental applications
- nanostructured material use for sensors applications

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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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