Special Issue

Nanomaterials-Based Sensors

Message from the Guest Editors

1D nanostructures, such as nanowires, quantum wires, nanorods, and their composites, are attracting wide scientific interest due to the unique properties associated with their one-dimensional geometry. 1D nanostructures, with diameters reaching the quantum regime, still remain at the front of both scientific research and the development of nanotechnology applications. The aim of this Special Issue is to provide selected contributions on recent advances in the field of nanowire research and application in sensing. It includes topics on the most important developments in the field of 1D nanostructure synthesis, property investigations, and applications as sensors: gas, chemical, bio, light, magnetic, strain, etc. Original work and critical reviews are welcome.

- 1D-nanostructures;
- Nanowire synthesis for sensing
- Nanowire-based sensor fabrication and characterization
- Composite nanowire materials for sensing
- Hybrid sensors;
- 1D field effect transistors
- Photochemical sensors;
- Electrochemical sensors
- Gas sensors;
- Magnetic, piezo, and strain sensors

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About the Journal

Message from the Editorial Board

Chemosensors continues to grow as a forum for all manners of sensing that encompass chemistry. *Chemosensors* is published in open access format – all articles and content are released on the internet immediately following acceptance, thus allowing unlimited access to the content as soon as it is published. We would be happy to have you join our growing list of authors.

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