

Special Issue

Nanomaterials, Nanotechnology, and Spectroscopy for Sensing

Message from the Guest Editor

Nanostructured materials have unique physical and chemical properties as a result of their small size. These properties differ from those of the corresponding bulk materials. Experimentally, there have been many research efforts devoted to the structural, electrical, and optical properties of low-dimensional structures such as quantum wells, quantum dots, nanoparticles, nanowires, and nanotubes. Nanostructured materials have drawn considerable attention owing to potential applications in biomedical imaging, light-emitting devices, nanolasers, photodetectors, solar cells, and sensors.

“Nanomaterials, Nanotechnology, and Spectroscopy for Sensing” aims to cover all the latest outstanding developments in nanomaterials, nanoscience, nanotechnology, and optical spectroscopy for sensing. This Special Issue will describe recent research and developments in the field of the optical characterization of nanomaterials, nanoscience, and nanotechnology for sensing. We invite authors to contribute original research articles as well as review articles in nanomaterials, nanoscience, nanotechnology and nanosensors.

Guest Editor

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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