Special Issue

Nanomaterials for Health-Care, Environmental Monitoring and Food Quality Control

Message from the Guest Editor

Nanomaterials are characterized by the unique combination of small size and immense surface area, which is reflected in their mechanical, magnetic, optical, and catalytic properties, thereby permitting new levels of performances and applications in biosensing, diagnostics, therapeutics, drug delivery, medicine, biomedical imaging, water purification, environmental monitoring, and food quality control. The aim of this Special Issue is to show to researchers and scientists the new achievements in the synthesis, characterization, and applications of nanomaterials in health-care and bioanalytical science, such as environmental monitoring and food quality control. We encourage the submission of reviews, mini-reviews, original articles, and short communications displaying the potential of nanomaterials in health-care and analytical settings, also using “real world” samples. **Keywords**

- nanomaterials
- synthesis
- characterization
- health-care
- biosensing
- environmental monitoring
- food quality control

Guest Editor

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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