Special Issue

Nanomaterials and Sensors for Analysis and Detection

Message from the Guest Editors

The development of materials science involves chemical synthesis and chemical applications, while the rapid development of nanomaterial technology can be effectively applied to biosensing detection. Micro–nanomaterial biology provides new application strategies for detection technology in many fields, such as tumor marker detection, environmental pollutant detection, surface interface component analysis, trace detection, etc. From a broader perspective, sensing technology combined with micro–nanomaterials has provided new vitality for the development of various fields. Therefore, this Special Issue aims to develop new applications, new ideas and new strategies in the fields of micro–nanomaterials, establish the intrinsic connection between micro–nanomaterials and various application fields and further promote the development of materials science and engineering.

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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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