Special Issue

Nanomaterials

Message from the Guest Editors

Nanomaterials, as one of the fast-growing discipline fields, contain true nanoscale structures that enable novel properties or advanced functions. The production of advanced materials has brought more and more focus on nanomaterials due to their significant chemical physical properties and surface effect. Not only materials scientists but also researchers from other disciplines such as physics, chemistry and biology have been involved in working on science and applications of nanostructured materials with varied emphasis on synthesis, processing, characterization, and applications (energy, environment, life science, electronics etc.). The special issue covers current trends and developments in nanomaterials. The papers can involve both the basic research and the application development relating to experimental, theoretical, computational, and applications of nanomaterials.

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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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