Special Issue

Nanostructured Materials and Energy-Related Devices

Message from the Guest Editors

With at least a dimension or a feature between 1 and 100 nm, nanostructure materials are the basic bricks of nanomaterials science and nanotechnology. An important part of research in nanomaterials is their synthesis and application in devices where their exceptional properties, conferred by their size, make a difference. These properties, including chemical, optical, magnetic, thermal, and electrical, contribute to the development of advanced devices. This Special Issue aims to cover recent progress in the synthesis of nanostructured materials, and their application in energy conversion and storage devices including, but not limited to, fuel and solar cells, batteries, and supercapacitors. The objective of this Issue is to provide the readership with a collection of articles, in which emphasis is placed not only on the synthesis of new nanostructured materials, but also on an understanding of the physicochemical characteristics responsible for improved performance in the application. **Keywords:** nanostructured materials; processing and production; physicochemical characterization; energy conversion devices; energy storage devices

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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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