Journal of Nanotechnology

Hindawi

Special Issue on

Smart Design of Nanomaterial and Its Application in Energy and Environment Technologies

CALL FOR PAPERS

In the last few decades energy materials and environmental material are among the most active and rapidly developing research disciplines in the world, so it is of great significance to develop smart design of nanomaterial used for the greenhouse effect, environmental pollution, and depleting fossil energy resources.

Nevertheless, timely advancement in these research disciplines requires global-wide and multidisciplinary cooperation. It is therefore of immense importance to establish an international platform for the exchange of latest scientific discoveries, thus boosting technological applications through cost-effective original innovations. This special issue aims at creating a multidisciplinary forum of discussion on recent smart design of nanomaterial and its application in energy and environment. The accepted papers will show a diversity of new developments in these areas. This issue accepts high quality articles containing original research results and review articles, and it will let the readers of this journal know more about this fundamental area of energy and environment materials.

Potential topics include but are not limited to the following:

- Material genome initiative: smart design, controllable synthesis, and application of novel functional materials
- Smart design of nanomaterial and nanotechnology: energy conversion and storage systems
- Smart design of environmental benign material: synthesis and application
- Smart design of thin films material: novel coating technology and device fabrication
- Smart design of nanomaterials: environmental catalysis and application in biological technologies

Authors can submit their manuscripts through the Manuscript Tracking System at https://mts.hindawi.com/submit/journals/jnt/sdnat/.

Papers are published upon acceptance, regardless of the Special Issue publication date.

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