

Tentative Outline

Special Thematic Issue for Current Nanoscience Advanced Nanoscale Materials for Energy Applications Guest Editors: Dr. Sahar Zinatloo-Ajabshir

Aims & Scope:

Recently, much attention has been focused on the fabrication and characterization of advanced nanoscale materials owing to their interesting properties and potential applications in various fields such as solar cell, medical industry, anti-cancer therapy, energy storage and environmental remediation. The aim of this special issue is cover the recent efforts made in development of advanced nanoscale materials for applications such as solar cell and environmental remediation. Fabrication method, microstructure, properties of advanced nanoscale materials will be revealed. Additionally, several other significant aspects are described in detail in this article; for example, removal of antibiotic drugs from aqueous phase using advanced magnetic nanomaterials. And also advanced nanostructured materials for enhancement of solar cell efficiency.

Subtopics:

The subtopics to be covered within this issue are listed below:

- Removal of antibiotic drugs from aqueous phase using advanced magnetic nanomaterials
- Graphene quantum dots: Green synthesis, properties, characterization and applications
- Advanced nanostructured materials for enhancement of solar cell efficiency: Method, properties and characterization

Schedule:

- ✧ Tentative Manuscript submission deadline: 2020 November 21
- ✧ Tentative Peer Review Due: 2020 December 21
- ✧ Tentative Revision Due: 2021 February 4
- ✧ Tentative Final manuscripts due: 2021 March 4

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