



## Special Issue on Mesoporous Nanomaterials

### Call for Papers

A mesoporous material is a material containing pores with diameters between 2 and 50 nm. According to the IUPAC, a mesoporous material can be disordered or ordered in a mesostructure. The porosity should have a specific impact on the material properties or application. Interest in mesoporous materials is fostered by their widespread technological application in diverse areas, such as heterogeneous catalysis, gas sensors, solid electrolytes for rechargeable batteries, supercapacitors or optoelectronic and magnetic devices, amongst others. With a pore size of 2–50 nm, tunable pore topologies and extremely large surface areas, mesoporous materials hold a privileged position between zeolites and macroporous materials.

In this special issue, we intend to invite front-line researchers and authors to submit original research and review articles on exploring **Mesoporous Nanomaterials**. Potential topics include, but are not limited to:

- Advance of Functionalized Mesoporous Materials
- Applications of Mesoporous Nanomaterials
- Catalysis by Mesoporous Materials
- Characterization of Mesoporous Nanomaterials
- Control of Particle Morphology of Mesoporous Materials
- Cytotoxicity of Mesoporous Nanomaterials
- Modification of Mesoporous Materials
- Separation Techniques Using Mesoporous Adsorbents
- Synthesis of Mesoporous Nanomaterials

Authors should read over the journal's [For Authors](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's [Paper Submission System](#).

Please kindly specify the “**Special Issue**” under your manuscript title. The research field “**Special Issue - Mesoporous Nanomaterials**” should be selected during your submission.

Special Issue Timetable:

Submission Deadline	January 18th, 2016
Publication Date	March 2016



Scientific Research  
*Open Access*

World Journal of Nano Science  
and Engineering  
ISSN Online: 2161-4962

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