

Tentative Outline

Special Issue for CURRENT PHYSICAL CHEMISTRY

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Synthesis and Application of Graphene Based Nano-Materials

Aims & Scope:

The Special Issue on Synthesis and Application of Graphene Based Nano-materials will mainly focus on the recent developments in synthesis, characterization, current and potential application of graphene based nano-materials.

The first section of the Special Issue will highlight the synthesis of graphene films and stable graphene dispersions using different methods and describe its fundamental properties. In the second section, it will be devoted to the potential application of graphene based materials, such as biosensor, field effect transistors, electrodes materials, solar cell, battery materials, and so on.

Key words:

Graphene, Synthesis, Application.

Subtopics:

Synthesis of graphene films and graphene dispersions

Application of graphene nano-materials

Submission Deadline for Authors: August 31, 2011