



## Nanoporous Graphitic Carbon Materials for Energy Storage and Conversion

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### Message from the Guest Editors

Dear Colleagues,

Nanoporous graphitic carbon materials have received considerable attention due to their potential applications in a wide range of areas. Generally, the hard-templating approach is employed for the preparation of nanoporous carbon materials followed by thermal treatment for the development of the graphitic structure. Inorganic mesoporous silica and zeolites have also been utilized as templates and there are further recent reports of alternative approaches demonstrating direct self-assembly of amphiphilic molecules as a soft-template for carbon precursors. Furthermore, physical/or chemical activation of lignocellulosic materials give high surface area nanoporous carbon materials. Surface textural properties and the structure of the nanoporous carbon materials depends on synthetic conditions. Therefore, fabrication of nanoporous materials is important for the targeted applications. This Special Issue aims to collate original research papers, reviews and communications focusing on advancements of state-of-art nanoporous functional carbon materials in applications, including energy storage and energy conversion.

*Guest Editors*





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