Special Issue

Porous Silica Nanomaterials for Energy Storage Applications

Message from the Guest Editors

Energy storage is becoming an increasingly important topic in facing the global challenges posed by climate change during this century. Porous silica nanomaterials are emerging as promising candidates for various energy storage applications, owing to their large porosity, ease of synthesis, and numerous possibilities to tailor their properties. High porosity silica nanomaterials can be employed in applications ranging from hydrogen and electricity to thermal energy storage. This Special Issue aims to provide a forum for the dissemination of the latest developments in this broad and multidisciplinary field. It will cover all topics related to the materials synthesis, characterization, and testing of energy storage systems containing porous silica nanomaterials.

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As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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