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# Soft and Nanostructured Materials for Energy Conversion and Sensing: Volume II

Guest Editor:

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Deadline for manuscript submissions:
**closed (20 May 2023)**

## Message from the Guest Editor

The Special Issue "Soft and Nanostructured Materials for Energy Conversion: Volume II" will address advances in both experimental and theoretical aspects of the synthesis, processing, fabrication, characterization, and properties of soft and nanostructured nanomaterials for possible application in energy conversion. Soft materials are a particular category of flexible bulk matter that shows rich dynamics and self-assembly behavior. Many examples of soft materials can be found in polymers, liquid crystals, gels, self-assemblies, membranes, thin films, composites, biomaterials etc. In the last several decades, several novel methods to synthesize nanostructured materials for energy application such as nanoparticles, quantum dots, nanotubes, nanofilm, and nanowires have been developed following the capability of nanostructuring to introduce in the matter novel functionalities due to the unique combination of the structure and the mode of bonding. The connections between soft materials and nanostructuring result in amazing possibilities for scientific research and future applications of these materials. [...]

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## Message from the Editor-in-Chief

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