

## Special Issue

# Macromolecular Self-Assembly Materials: From Modeling to Advanced Application

### Message from the Guest Editors

Recently, material systems obtained by the self-assembly processes of nanostructures stimulated the development of a new generation of advanced functional materials in a wide range of disciplines, including material science and engineering, environmental science, pharmaceutical, biotechnology and nanomedicine, cosmetics, and food and agricultural science. The synthesis of novel chemical structures and the efficient use of soft and supramolecular interactions can generate novel structural properties and new protocols for the design of novel materials with nanoscale ordered morphologies suitable for advanced applications in nanotechnology. Novel theoretical and experimental approaches in nano-structures self-assembly are necessary in order to form a knowledge basis for the modern scientific community.

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### Guest Editors

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### Deadline for manuscript submissions

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## Materials

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### Message from the Editor-in-Chief

*Materials* (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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