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Macromolecular Self-Assembly Materials: From Modeling to Advanced Application

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Deadline for manuscript
submissions:

closed (31 January 2020)

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.



mdpi.com/si/27422

Special Issue



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Message from the Editor-in-Chief

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