



Synthesis and Applications of Hybrid Material

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Message from the Guest Editors

Dear Colleagues,

Organic–inorganic hybrids are attractive materials due to their versatility, which originates from the combination of their inorganic properties and their organic constituents. The combination of inorganic and organic parts in hybrid materials allows one to associate an important variety of innovative properties, which can be used in a wide variety of applications, such as catalysis, coatings, optical properties, biomaterials, and separation processes.

Controlling the nanostructure, composition, and morphology of hybrid materials is of great interest for such properties. The bottom–up molecular and supramolecular approach, which includes templating, self-assembling, and post-synthetic modification methodologies, allow designing nanostructured and hierarchical hybrid materials.

This Special Issue aims to explore recent advances in the development of hybrid materials that contribute to breakthroughs in different application domains. Strategies for, but not limited to, the construction of advanced ordered nanomaterials, such as molecular or supramolecular chemistry approaches are encouraged for submission.





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Message from the Editor-in-Chief

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