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Advanced Supramolecular Materials

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Message from the Guest Editor

This Special Issue, “Advanced supramolecular materials”, covers many aspects of supramolecular materials (i.e., materials based on non-covalent supramolecular interactions or self-assembly). This Special Issue will publish research on supramolecular polymers, supramolecular hydrogels, supramolecular fluorescent materials, bioactive supramolecular systems, self-assembled layered structures, programmable assembled materials, macroscopic supramolecular assembly, stimulus-responsive systems for drug delivery, shape-memory materials, interfacial adhesion, self-healing materials, synthesis of supramolecular materials, characterization of supramolecular materials, modeling and simulation of supramolecular materials, and emerging properties of supramolecular materials.

- supramolecular polymers
- supramolecular hydrogels
- supramolecular fluorescent materials
- bioactive supramolecular systems
- self-assembly
- programmable assembled materials
- stimulus-responsive systems for drug delivery
- shape-memory molecules
- self-healing molecules
- synthesis of supramolecular molecules



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Special Issue



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Message from the Editor-in-Chief

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