

Special Issue

Advanced Applications of Supramolecular Chemistry

Message from the Guest Editor

This Special Issue invites contributions that showcase cutting-edge research in supramolecular chemistry and its applications. We welcome original research articles, reviews, and communications demonstrating the synthesis, characterization, and utilization of supramolecular assemblies for addressing key challenges in various domains. Contributions to this issue cover a wide range of topics, including but not limited to:

- Design and synthesis of supramolecular assemblies;
- Self-assembly processes and molecular recognition;
- Supramolecular materials for energy storage and conversion;
- Supramolecular sensors and biosensors;
- Supramolecular catalysts and catalytic systems;
- Supramolecular approaches to drug delivery and therapeutics;
- Responsive and adaptive supramolecular materials;
- Supramolecular architectures for electronic and photonic devices;

We encourage researchers from both academia and industry to contribute their latest findings to this Special Issue, fostering interdisciplinary collaborations and advancing the frontier of supramolecular chemistry and its applications.

Guest Editor

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Deadline for manuscript submissions

closed (20 May 2025)



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About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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