



Supramolecular Nanoreactors for Catalysis of Organic Reactions

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Message from the Guest Editor

The field of supramolecular chemistry has its foundation in mimicking the intricate and effective microenvironments of natural catalysts, in which the confined space promotes reactions with remarkable rate acceleration, substrate specificity, and product selectivity. Supramolecular nanoreactors use supramolecular interactions with guest substrates providing hydrophobic pockets and strong substrate binding, resulting in stabilization of transition-states and/or intermediates. Drawing inspiration from early studies, from cyclodextrins to self-assembled supramolecular hosts and more, the field of organic supramolecular nanoreactors continues to capture a significant amount of interest toward their development as catalysts for increasingly complex organic transformations.

This Special Issue will cover a selection of research application and current review articles in the field of supramolecular nanoreactors. Theoretical and computational studies are also welcomed.





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Editor-in-Chief

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Message from the Editor-in-Chief

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