

Special Issue

Calixarene Complexes: Synthesis, Properties and Applications

Message from the Guest Editors

There is a growing interest in the development of host systems for ionic and neutral species based on calixarenes. These cyclic oligomers show important host-guest properties and therefore have numerous applications in a broad range of fields, including organocatalysis, sensing, extraction and separation, and more recently biomedical applications. The relatively simple functionality of their upper and lower rims and the presence of a pre-organized cavity that is available in different sizes and conformations make calixarenes attractive building blocks for the construction of supramolecular assemblies. This Special Issue aims to present the most recent developments on host-guest properties of calixarenes as well as new synthetic methods and applications. We welcome research articles on topics related to this field.

Guest Editors

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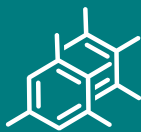


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As the premier open access journal dedicated to molecular chemistry, now in its 30th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts, and novel materials. Pushing the boundaries of the discipline, we invite papers on all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

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