Special Issue

Calixarenes, Pillararenes, and Cucurbiturils

Message from the Guest Editors

Calixarenes, pillararenes and cucurbiturils are all structurally similar yet versatile macrocycles. Different sizes of each are now readily accessible, and this has allowed their properties to be investigated. Results to date indicated their ability to exhibit useful host-guest properties, which has led to applications in areas such as sensors. Furthermore, these macrocycles can act as ligands and their coordination chemistry is now opening up new avenues of research in catalysis, medicine and beyond. In this Special Issue, we welcome research articles in all areas concerned with these three types of macrocycles and related systems including new synthetic routes, structural aspects and applications.

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Deadline for manuscript submissions

closed (31 August 2017)

Molecules

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Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed

mdpi.com/si/8931

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As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th 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 multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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