

Special Issue

Synthesis and Applications of N-Heterocyclic Carbenes

Message from the Guest Editor

The importance of N-Heterocyclic carbenes (NHCs) as ligands for transition metal complexes is unquestionable, with well-known applications in catalysis, materials, and medicinal chemistry. The synthetic variability of these ligands makes them excellent scaffolds that enabling to tailor the electronic and steric properties of a given metal complex. This Special Issue is dedicated to the latest research on the synthesis and applications of NHCs. We welcome original research papers, review articles, and short communications that discuss novel synthetic methods, new ligand precursors, or advances in applications.

Guest Editor

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Message from the Editor-in-Chief

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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