

Special Issue

Synthesis and Reactivity of Transition Metal Complexes

Message from the Guest Editor

The coordination chemistry of transition metals is one of the most important and extensive areas of modern chemistry. It is closely related to other fields such as supramolecular chemistry, photochemistry, catalysis, medicine, materials science, quantum chemistry, etc. This Special Issue is devoted to all aspects of transition metal chemistry, including the synthesis and characterization of new complexes and materials, the features of the molecular and electronic structure of complexes, the study of their reactivity and catalytic properties, the design of new supramolecular assemblies based on them, and the use of metal complexes in photochemistry, bioinorganic chemistry, medicine, etc.

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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