

Special Issue

Synthesis, Characterization and Application of Coordination Complexes

Message from the Guest Editors

Metal complexes are known for the diversity of their structures and the richness of their chemistry. These compounds find application in various fields, from medicinal chemistry to functional materials; however, they excel in homogeneous catalysis. The number of complexes that provide selective, faster, and more sustainable synthetic routes to important organic molecules grows daily, making this a challenging and very relevant field in chemistry. Therefore, this Special Issue on the synthesis, characterization, and application of coordination complexes is fully justified. Its goal is to gather a collection of manuscripts that report the synthesis and characterization of such compounds and highlight their importance in one or several applications that address modern-day challenges.

Guest Editors

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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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