Special Issue

Recent Advances in Coordination Chemistry of Metal Complexes

Message from the Guest Editor

The sustainable development of metal complexes is an interesting and significant topic, attracting increasing attention due to the complexes' aesthetically pleasing structures and unique electronic and stereochemical properties. Their sustainable development has been successfully applied in the fields of solid-state lighting, biological diagnosis treatment, molecular magnetism, catalysis, adsorption, and intelligent sensing, and is gradually moving towards emerging fields. In addition, metal complexes contain both inorganic and organic substances. Therefore, the unique physical and chemical properties of both inorganic and organic compounds are of great significance for the development of a new generation of multifunctional materials, and various multifunctional metal complexes have emerged. However, chemists prefer to select specific organic ligands and metal ions to synthesize metal complexes with certain specificity, in particular, the design and synthesis of finite high-nuclear metal complexes with specific structural connections, beautiful topologies, and rich properties.

Guest Editor

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Deadline for manuscript submissions

closed (31 August 2024)

Molecules

an Open Access Journal by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed

mdpi.com/si/172579

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Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 29th 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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