

Special Issue

Metal Based Compounds with “Non-Innocent” Ligands: Structure, Property and Ligand- Driven Reactivity

Message from the Guest Editor

This Special Issue is dedicated to the latest achievements in the field of coordination, organometallic compounds, the structure and reactivity of which are largely determined not only and not so much by the metal, but also by ligands. The results of fundamental research (the synthesis, the investigation of molecular and electronic structure using spectroscopic methods, X-ray structural analysis, the study of chemical, redox, magnetic, biochemical, photochemical and optical properties, etc.) and applied research (the application in various reactions of fine organic/organoelemental synthesis, catalytic processes, the various aspects of compounds application in electro-, photo-, biochemistry, medicine, optics, electronics, etc.) are planned for the publication in this Special Issue. Full papers, communications, and reviews on these topics are welcome.

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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