

## 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

Prof. Dr. Andrey I. Poddelsky

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### Deadline for manuscript submissions

closed (31 March 2021)



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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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### Editor-in-Chief

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