

Special Issue

Synthesis, Structural Analysis, and Applications of N, O-Donor Ligands and Their Coordination Polymers

Message from the Guest Editor

The dynamic scientific field of N,O-donor ligands and their coordination polymers is characterized by its extensive potential for innovation and practical application. We welcome contributions delving into various facets of N,O-donor ligands, including their synthesis methodologies, structural elucidation techniques, and exploration of their diverse applications. Additionally, we encourage studies elucidating the coordination chemistry of these ligands within coordination polymers, as well as theoretical investigations employing DFT calculations. This Special Issue is devoted to showcasing pioneering research and insightful reviews within the domain of “Synthesis, Structural Analysis, and Applications of N,O-donor Ligands and Their Coordination Polymers”. We aim to facilitate collaboration and knowledge exchange among researchers and practitioners in this field, ultimately advancing scientific progress and technological innovation.

Guest Editor

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Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 30th 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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