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Crystal Structure, Thermal and Spectral Studies of Coordination Compounds

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Message from the Guest Editors

Dear Colleagues,

This Special Issue is devoted to the synthesis and characterisation of metal complexes. The coordination compounds of transition or/and lanthanide ions with different ligands have potential applications in various fields, such as catalysis, pharmacy, adsorption, luminescence, fluorescence, magnetic material, bioinorganic, and analytical chemistry. X-ray analysis is often complemented by other methods, especially thermal and spectroscopic analysis. Thermal analysis provides information about the physical and chemical transformations that occur while heating a substance. Spectroscopy is also a suitable and very useful tool for the analysis of complexes, as it is versatile and uses relatively rapid instrumental techniques that only require a small amount of sample.

We kindly invite all researchers working in the field of coordination chemistry to share their interesting experimental results with the chemical community. The topics of the papers to be submitted to this Special Issue are defined, but not limited.

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Guest Editors



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Special Issue



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Message from the Editor-in-Chief

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