

Special Issue

Crystal Structure, Thermal and Spectral Studies of Coordination Compounds

Message from the Guest Editors

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. Dr. Beata Cristóvão

Guest Editors

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Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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