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Characterization of Coordination Compounds

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

The applications of coordination compounds extend to many aspects of life science and medical fields, material sciences, industry and molecular magnetism (magnetic properties of coordination compounds in general, SMMs, SIMs, spin crossover). In addition to the traditional physicochemical methods used for characterization of the synthesized coordination compounds, some methods depend on the electronic nature of the central metal ion, such as magnetism.

Keywords:

Coordination compounds

Magnetic properties

Single-molecule magnets (SMMs)

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Lanthanides

Supramolecular coordination compounds

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Message from the Editor-in-Chief

Magnetochemistry constitutes a multidisciplinary field where chemists and physicists not only study magnetic properties but also design and synthesize chemical compounds with desired magnetic properties. *Magnetochemistry* is inviting contributions in any field related with this area, such as theoretical models, crystal engineering, molecular magnetism, SMM, SIM, SCM, SCO, magnetic nanostructures, magnetic MOFs, magnetic recording, qubits, magneto-caloric materials, etc. Our goal is to share your contribution in a timely fashion and in a manner that will be valued by the scientific community.

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