Special Issue

Characterization of Spin Crossover Compounds

Message from the Guest Editor

Nowadays, a variety of both experimental techniques and computational methods is used to study not only the spin crossover process itself, but also concomitant effects like variation of bond lengths or its impact on optical or vibrational properties.

Frequently, the complete experimental characterisation of a spin crossover compound necessitates a multitechnique approach in order to obtain a fully coherent picture of the behaviour of the spin crossover ion and its environment. I suggest to establish in this Special Issue a collection of articles describing new research in this field and illustrating the currently employed state-of-the-art concepts and approaches. **Keywords:**

Spin crossover compounds

Spectroscopy

Crystallography

Magnetic interactions

Guest Editor

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Deadline for manuscript submissions

closed (30 September 2021)



Magnetochemistry

an Open Access Journal by MDPI

Impact Factor 2.5 CiteScore 4.6



mdpi.com/si/58087

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About the Journal

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.

Editor-in-Chief

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