Special Issue

Magnetic Micro- and Nanostructures for Applications: From Synthesis to Modeling

Message from the Guest Editors

Dear Colleague, This Special Issue aims to cover all significant aspects of chemically and physically produced magnetic micro- and nanostructures from synthesis to characterization as well as modeling and techniques aspiring to address challenges and bottleneck problems for technological and life science applications. In this Special Issue, we welcome original research and reviews on current frontier research and trends covering applications, fundamental, experimental, and theoretical research, with a focus on the fabrication, design, characterization, and modeling of magnetic materials and nanostructures, as well as novel developments and solutions of advanced nanomaterials, devices, and perspectives with a magnetochemical overview. Keywords:

- fabrication
- characterization
- modelling
- magnetic materials
- nanostructures
- microstructures
- nanomagnetism
- nanodevices

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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.

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