



Design, Synthesis, Controlled Assembly and Devices Foundation of Molecular Nanomagnet

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Nanomagnets have attracted large attention because they exhibit many excellent magnetic properties useful for technological applications, especially the magnetic hysteresis effect can be suitable for high-density information storage. Understanding how to improve the density of magnetic storage is one of the most important challenges in developing high-density magnetic storage materials in the present and future.

This Special Issue aims to publish work pertaining to the design and synthesis of high-performance nanomagnets by experimental means and computational modeling simulations. Exploring the relaxation process of nanomagnets can provide support for potentially efficient information storage devices. We welcome all novel achievements in the improvement of nanomolecular magnets.





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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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