Special Issue

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

Message from the Guest Editor

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.

Guest Editor

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Deadline for manuscript submissions

closed (10 May 2023)

Magnetochemistry

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 4.6

mdpi.com/si/130377

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