Special Issue

Magnetism: Energy, Recycling, Novel Materials

Message from the Guest Editor

This Special Issue aims to include manuscripts regarding novel topics of magnetism. The optimization of the magnetic energy density of permanent magnets or the reduction in power losses in high-frequency soft magnetic materials are linked to energy. Likewise, novel compounds are continuously being designed and produced for specific applications. Regarding raw materials, existing research focuses on environmental sustainability through recycling, especially of magnetic elements such as rare earths. Thus, we hope for manuscripts concerning the design, modeling, simulation, synthesis and/or characterization of magnetic materials, welcoming review articles as well.

Guest Editor

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Deadline for manuscript submissions

closed (20 May 2025)



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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

Prof. Dr. Carlos J. Gómez García

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the first half of 2025).

