

Special Issue

Advances in Magnetic Metal–Organic Frameworks

Message from the Guest Editor

This Special Issue aims to discuss all forms of magnetism stemming from metals incorporated into metal–organic frameworks. Submissions that cover single-molecule magnets, quantum bits, and organometallic compounds related to metal–organic frameworks are encouraged. Discussions of all static magnetic properties with well-established characterization methods, as well as dynamic properties, are welcome. Articles focusing on applications including, but not limited to, quantum information science, magnetic catalysis, high-temperature magnetism, battery design, gas sensors, energy storage and harvesting, etc., are welcome. Both experimental and theoretical manuscripts will be considered. Attention will also be paid to proof-of-concept results in the field.

Guest Editor

Dr. Jakub Hrubý

National High Magnetic Field Laboratory, Florida State University,
Tallahassee, FL 32310, USA

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Magnetochemistry
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
magnetochemistry@mdpi.com

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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

Department of Inorganic Chemistry, Faculty of Chemistry, University of Valencia, C/Dr. Moliner 50, 46100 Burjassot, Spain

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.9 days after submission; acceptance to publication is undertaken in 3.5 days (median values for papers published in this journal in the second half of 2025).