Special Issue

Ferroic Materials: Properties and Applications

Message from the Guest Editor

Complex-oxide materials and their interfaces have garnered enormous interest in the last decade due to the potential for and realization of exotic phenomena in these systems, including emergent interfacial conduction, magnetic order, superconductivity, new ferroelectric order, etc. However, the field is still frequently discussed from various aspects. Such systems are promising for information technology devices, electrically controlled magnetic data storage, low power consumption, and magnetically operated electric devices. One of the most important open questions to address is in the understanding of the fundamental limits of the coupling and charge transfer at the interfaces, and how to expand it for applications. We are excited to offer a platform for some of this exciting new research with a Special Issue of the new open access journal, *Magnetochemistry*. This Special Issue aims to publish a collection of cutting-edge research articles which will present the latest achievements in the field of oxide interfaces, ferroelectric and multiferroic materials that will impact the development of the next generation of electronic devices.

Guest Editor

Dr. Sujit Das
Materials Research Centre, Indian Institute of Science, Bangalore, India

Deadline for manuscript submissions

closed (31 July 2023)

Magnetochemistry

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 4.6

mdpi.com/si/163405

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

mdpi.com/journal/magnetochemistry

Magnetochemistry

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 4.6

mdpi.com/journal/magnetochemistry

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 Burjasot, Spain

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Chemistry, Inorganic and Nuclear) / CiteScore - Q2 (Electronic, Optical and Magnetic Materials)

Rapid Publication:

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).