Special Issue

Advances in Multifunctional Magnetic Nanomaterials

Message from the Guest Editors

Multifunctional magnetic nanomaterials have fascinated scientists for the last decades and are now heavily utilized in biomedical sciences and engineering. The current Special Issue of *Magnetochemistry*, "Advances in multifunctional magnetic nanomaterials" aims at publishing a collection of studies in the form of articles, reviews, letters, communications explaining developments in the properties of magnetic nanomaterials that may play a crucial role in magnetic hyperthermia, magnetic resonance imaging, biomedicine, data storage, nanofluids, catalysis, target-specific targeting, optical filters, cation sensors, magnetically tunable electronics, waste water management, etc. Research contributions illustrating the recent achievements in all aspects of fabrication and physical modeling of various magnetic nanomaterials are also particularly welcome.
Dr. Stefanos Moudrikoudis

Guest Editors

Dr. Antonios Makridis

1. Department of Physics, Aristotle University of Thessaloniki, 54124 Thessaloniki, Greece
2. Laboratory of Magnetic Nanostructure Characterization, Technology and Applications (MagnaCharta), CIRI-AUTH, 57001 Thessaloniki, Greece

Dr. Stefanos Mourdikoudis

Department of Inorganic Chemistry, University of Chemistry and Technology, Technicka 5, 166 28 Praha 4 - Prague, Czechia

Deadline for manuscript submissions

closed (31 December 2021)

Magnetochemistry

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 4.6

mdpi.com/si/64223

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

MDPI

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 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).