Special Issue

Advances in Magnetic Nanocarrier for Biomedical Applications

Message from the Guest Editor

Magnetic nanocarrier such as superparamagnetic iron oxide nanoparticles (SPION) is one of the emerging topics in nanomaterials that has attracted great attention in biomedical applications. This applications span through targeted drug delivery (TDD), magnetic hyperthermia (MH) and magnetic resonance imaging (MRI). This applications is due to the wide range of advantages which includes, reasonable particle size, high surface-volume ratio. The topic of this issue covers new area and advances in metallic and bimettalic magnetic materials to the applications in TDD, MH and MRI. Recent applications of magnetic materials for nanotherapy compared to other therapies. This Special Issue reviews the current status and future perspectives of magnetic materials.

Guest Editor

Dr. Samson Olatubosun Aisida
Department of Physics, University of Nigeria, Nsukka, Nigeria

Deadline for manuscript submissions

closed (31 October 2023)

Magnetochemistry

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 4.6

mdpi.com/si/136718

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).