## **Special Issue**

## Design and Applications of Advanced Magnetic Ceramic Materials: New Insights

### Message from the Guest Editor

This Special Issue aims to include the newest and most important research in the field of magnetic ceramics, in terms of chemical composition design, synthesis processes, as well as morphological and microstructural characteristics towards specific magnetic performance. With an almost 100-year history of advanced magnetic ceramics, global market trends have governed a wide range of applications, such as in motors, rotors, EMI suppression, signal processing, power conversion, data storage, telecommunications, green technologies, electric vehicles, wireless charging, handheld devices, biomedical applications, and many others. Thus, it is of major significance to explore and extend the current knowledge on material performance and potential, so as to enhance future technological breakthroughs in the field. As a of this Special Issue of the open access journal *Magnetochemistry*, I am honored to invite you to contribute your original manuscripts and share new important results with the scientific community.

### **Guest Editor**

Dr. Vasiliki Tsakaloudi

Centre for Research and Technology Hellas (CERTH), 57001 Thermi, Greece  $\,$ 

### Deadline for manuscript submissions

26 September 2025



# Magnetochemistry

an Open Access Journal by MDPI

Impact Factor 2.5 CiteScore 4.6



mdpi.com/si/213200

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

mdpi.com/journal/ magnetochemistry





# Magnetochemis

an Open Access Journal by MDPI

Impact Factor 2.5 CiteScore 4.6



### **About the Journal**

### Message from the Editor-in-Chief

### **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).

