

## Special Issue

# Structure, Magnetic and Thermal Properties of Nanocrystalline Materials

### Message from the Guest Editors

Nanocrystalline materials have functional properties, such as magnetic properties, that depend largely on their structure. In this special issue, experimental, theoretical or review articles in which nanocrystalline materials are produced and analyzed are welcome. Studies of the structure at macroscopic, micro or nanostructural level, as well as crystallographic defects are appreciated. Studies on thermal stability or mechanical properties are also welcome. Regarding magnetism, the behavior can be ferromagnetic (soft or hard); paramagnetic; ferrimagnetic and so on. Among the manufacturing techniques, in addition to traditional ones, nanocrystalline alloys are being produced using additive manufacturing techniques. In addition to theoretical or simulation studies, work using big data is also expected.

---

### Guest Editors

Prof. Dr. Safia Alleg

Département de Physique, Faculté des Sciences, Université Badji Mokhtar-Annaba, B.P. 12, Annaba 23000, Algeria

Prof. Dr. Joan-Josep Suñol

Department of Physics, Campus Montilivi s/n, University of Girona, 17003 Girona, Spain

---

### Deadline for manuscript submissions

30 October 2025



## Magnetochimistry

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.6  
CiteScore 3.9



[mdpi.com/si/216677](https://mdpi.com/si/216677)

*Magnetochimistry*  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[magnetochimistry@mdpi.com](mailto:magnetochimistry@mdpi.com)

[mdpi.com/journal/  
magnetochimistry](https://mdpi.com/journal/magnetochimistry)





## Magnetochimistry

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.6  
CiteScore 3.9



[mdpi.com/journal/  
magnetochimistry](https://mdpi.com/journal/magnetochimistry)



# 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 Burjassot, Valencia, 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 (Chemistry (miscellaneous))

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is  
provided to authors approximately 18.7 days after  
submission; acceptance to publication is undertaken in 2.8  
days (median values for papers published in this journal in  
the first half of 2024).