

## Special Issue

# Magnetic Coordination Polymers

### Message from the Guest Editor

Coordination polymers with various dimensionalities are of high interest in molecular magnetism. One-dimensional coordination polymers may behave as single-chain magnets or chains of single-molecule magnets; two-dimensional coordination polymers can also exhibit slow relaxation of the magnetization phenomena (layers of single-chain magnets); three-dimensional coordination polymers have been intensively investigated in the search for molecule-based magnets and are very topical, particularly, when magnetic properties are combined with other properties (porosity, luminescence, sensing of various molecules with modulation of the magnetic behavior). Numerous spin-crossover materials are coordination polymers. All these goals stimulate the development of new synthetic approaches leading to a very rich structural variety of homo- and hetero-metallic networks. Consequently, we consider that a Special Issue dedicated to coordination polymers and their relevance in molecular magnetism is welcome.

- Magnetic coordination polymers
- single-chain magnets
- single-molecule magnets
- 3D molecule-based magnets
- spin-crossover complexes.

---

### Guest Editor

Prof. Dr. Marius Andruh

1. Laboratory of Inorganic Chemistry, Faculty of Chemistry, University of Bucharest, Bd. Regina Elisabeta nr. 4-12, Bucharest, Romania
2. "C. D. Nenitzescu" Institute of Organic and Supramolecular Chemistry of the Romanian Academy, Splaiul Independentei 202 B, Bucharest, Romania

---

### Deadline for manuscript submissions

closed (31 August 2021)



## Magnetochimistry

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 4.6



[mdpi.com/si/44170](https://mdpi.com/si/44170)

*Magnetochimistry*  
Editorial Office  
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)





## Magnetochemistry

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 4.6



[mdpi.com/journal/  
magnetochemistry](https://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 Burjassot, Spain

---

### Author Benefits

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), Inspec, CAPIus / 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).