Special Issue

Magnetic Resonances: Current Applications and Future Perspectives

Message from the Guest Editors

In recent years, MR imaging has shown notable applications in both the optimization of the image acquisition techniques that are already in use but also in a plethora of new techniques. This continuous technological growth has allowed for ever greater pathological characterization in all fields of interest, from musculoskeletal pathologies to pathologies of the brain, heart, and abdomen, with a high correlation between anatomical and pathophysiological data, shifting the attention from the definition of statical data to functional ones. This Special Issue collects various reviews that, despite tackling different discussion topics, have all been collected with the aim of showing the extent to which the current state of the art and the implementation of new MRI techniques allow us to adopt a different way of looking at familiar pathologies, highly impacting prognostication and patient management.

Guest Editors

Dr. Federico Bruno

Department of Biotechnological and Applied Clinical Sciences, University of L'Aquila, L'Aquila, Italy

Dr. Raffaele Natella

Department of Medicine and Health Sciences, University of Molise, Campobasso, Italy

Deadline for manuscript submissions

30 March 2026

Magnetochemistry

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 4.6

mdpi.com/si/215935

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

mdpi.com/journal/magnetochemistry

MDPI

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).