

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 static 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.

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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.

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