Special Issue

Fundamentals and Applications of Novel Functional Magnetic Materials

Message from the Guest Editor

Magnetic materials have been a cornerstone of modern technology for decades, finding applications across diverse fields such as energy, healthcare, and environmental sustainability. These materials are at the heart of numerous innovative systems, including magnetic storage devices, energy-efficient motors, biomedical imaging tools, and environmental remediation solutions. With advancements in nanotechnology and material science, there is a growing potential to engineer magnetic materials with unprecedented properties, enabling breakthroughs in emerging applications. This Special Issue aims to explore the synergy between fundamental research and practical applications. By bringing together a global network of researchers, this collection will offer a platform for showcasing state-of-the-art developments, fostering interdisciplinary collaboration, and inspiring innovative solutions for pressing global challenges.

Guest Editor

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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.

Editor-in-Chief

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