

Special Issue

Current Trends in Magnetic Metallic Materials and Nanocomposites

Message from the Guest Editors

Magnetic materials are an important class of functional materials that widely serve in electrical power generation and transformation, memory storage devices and sensors. At present, a variety of magnetic materials have been designed and manufactured, including ferromagnetic materials, Fe-Si alloys, soft magnetic high-entropy alloys and magnetic metallic nanocomposites, etc. This Special Issue aims to share the latest advancements in magnetic metallic materials and nanocomposites. We therefore welcome high-quality original research papers and review papers focusing on the composition or structural design of magnetic metallic materials, processing, microstructural evolution, characterization techniques, properties and applications, etc. We believe that the collection of papers on relevant topics will help us better understand the microscopic mechanisms of magnetic metallic materials and address the challenges facing the field.

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Deadline for manuscript submissions

closed (31 May 2024)



Magnetochimistry

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 4.6



mdpi.com/si/170548

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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

Prof. Dr. Carlos J. Gómez García

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