

Special Issue

Advances in Soft Magnetic Materials

Message from the Guest Editors

Soft magnetic materials have emerged as promising materials, owing to their high power density in various magnetic components, such as energy transformation, filtering, resonance, and isolation. With the decrease in size and weight of power electronic systems, the demand for soft magnetic materials with both low core loss and high magnetic conductivity is becoming urgent. The aim of this Special Issue is to highlight the progress and fundamental aspects for the synthesis, characterization, properties, and application of soft magnetic materials.

Guest Editors

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Deadline for manuscript submissions

closed (31 December 2023)



Magnetochemistry

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 4.6



mdpi.com/si/163747

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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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