

Special Issue

Permanent Ferrite Magnet Materials: Fundamentals, Advances and Applications

Message from the Guest Editors

This Special Issue, “Permanent Ferrite Magnet Materials: Fundamentals, Advances and Applications”, aims to provide a platform for recent progress in the chemistry, physics, processing, characterization, and application of permanent ferrite magnets. Particular attention will be given to composition design, ion substitution, lattice-site occupancy regulation, magnetocrystalline anisotropy, defect chemistry, crystallographic texture, grain-boundary engineering, coercivity mechanisms, and magnetic domain behavior. Contributions dealing with advanced synthesis routes, ceramic processing, single-crystal growth, microstructure control, and scalable manufacturing are also highly encouraged.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Magnetochimistry constitutes a multidisciplinary field where chemists and physicists not only study magnetic properties but also design and synthesize chemical compounds with desired magnetic properties.

Magnetochimistry 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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