

## Special Issue

# Nanomaterials for Electromagnetic Absorption and Shielding

### Message from the Guest Editors

Electromagnetic waves are of critical concern due to their far-reaching impact, such as interference with electronic devices and environmental electromagnetic pollution, highlighting the general trend towards advancing electromagnetic absorption and shielding technologies. Nanomaterials have garnered substantial attention for their applications in electromagnetic shielding and absorption due to their unique properties and structures at the nanoscale. These materials exhibit remarkable capabilities in managing electromagnetic radiation by either absorbing, reflecting, or diffusing the waves. With the ability to manipulate electromagnetic fields in such a way. This Special Issue will focus on recent advances in nanostructure fine-tuning and structural engineering, particularly on novel fabrication strategies to realize controlled structures (size, shape, and morphology), and on developing various engineering designs to improve their electromagnetic absorption and shielding performance while revealing mechanisms for their performance enhancement.

### Guest Editors

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## Magnetochemistry

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### 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.

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### Editor-in-Chief

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