

## Special Issue

# Electromagnetic Interference Shielding and Microwave Absorption Materials

### Message from the Guest Editors

The rapid advancement of electronic devices and communication technologies has led to an increased demand for effective electromagnetic shielding and absorbing materials. Magnetic materials, including ferrites, nanocomposites, and metal-organic frameworks, possess unique properties that can be harnessed for superior shielding and absorption performance. This Special Issue aims to explore the latest innovations in magnetic materials/magnetic structures designed for electromagnetic interference shielding and microwave absorption. This issue will cover a range of topics, including the synthesis and characterization of new magnetic materials, the design and optimization of material structures, and the exploration of their mechanisms in EMI. Scholars are invited to contribute original research articles, reviews, and technical notes that align with these themes.

### Guest Editors

Dr. Peijiang Liu

Dr. Zibao Jiao

Dr. Yiming Lei

### Deadline for manuscript submissions

30 October 2025



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## About the Journal

### Message from the Editor-in-Chief

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#### Editor-in-Chief

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