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Electromagnetic Shielding/Absorbing Materials: Preparation, Characterization and Applications

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Message from the Guest Editors

With the rapid development of electronic information technology, excessive electromagnetic radiation is produced by increasing the number of electronic devices and information transmission. With the development of high technology, the task of electromagnetic radiation control has become more complicated.

Therefore, it is particularly urgent to understand the mechanisms of interaction between electromagnetic waves and materials, take effective control measures, and complete systematic analysis to successfully shield or absorb incident electromagnetic waves through the control of the reflection and loss ability of the electromagnetic shield/absorbing materials. The material synthesis, component regulation, microstructure adjustment, and design of composite materials are the main measures through which to achieve the purpose of reflecting or absorbing an incident electromagnetic wave.

This **Special Issue** will focus on the preparation, characterization, and application of electromagnetic interference-shielding materials and electromagnetic wave-absorbing materials from the theoretical to the practical level.

We look forward to your submission.



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Special Issue



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Message from the Editor-in-Chief

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