



Electromagnetic Polymer Materials and Composites

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

The rapid development of gigahertz application devices may seriously disrupt gigahertz applications and cause serious electromagnetic interference pollution. The potential health hazards of electromagnetic field exposure to humans have always been controversial. The ability to control electromagnetic interference by eliminating or reducing the level of pseudo electromagnetic radiation is very necessary in different applications. Polymer electromagnetic functional materials, as absorbing materials, are expected to meet the requirements of being lightweight and facilitating broadband and intelligent material absorption.

This Special Issue focuses on polymer electromagnetic composites that absorb or shield electromagnetic waves and aims to showcase researchers' strategies for designing, synthesizing, and manufacturing polymer-based electromagnetic composites to address electromagnetic pollution.





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Message from the Editor-in-Chief

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