



## Polymer-Based Electromagnetic Interference Shielding Composites

Guest Editor:

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Deadline for manuscript submissions:

**closed (15 May 2024)**

### Message from the Guest Editor

Dear Colleagues,

The development of polymer-based EMI shielding composites provides an alternative to the traditional metal EMI shielding mode. The EMI shielding efficiency and frequency band of composites can be controlled by means of filler modification and structural design. In addition, excellent machining properties and lightweight advantages of polymer matrix also effectively broaden the frontier applications of EMI shielding composites.

Recognizing the critical role of polymer-based EMI shielding composites in the field of electromagnetic protection materials, this Special Issue of *Polymers* invites contributions addressing several aspects of polymer-based electromagnetic interference shielding composites:

- structure design of polymer-based EMI shielding composites;
- mechanism of EMI shielding;
- calculation and simulation of EMI shielding;
- multifunctional polymer composites based on EMI shielding;
- application of polymer-based EMI shielding composites.

The above list is only indicative and by no means exhaustive; any original work or review articles on polymer-based electromagnetic interference shielding composites is welcome.



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Dr. Ping Song  
Guest Editor

# Special Issue



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### Prof. Dr. Alexander Böker

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## Message from the Editor-in-Chief

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