Special Issue

Polymer-Based Electromagnetic Interference Shielding Composites

Message from the Guest Editor

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.

Guest Editor

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Message from the Editor-in-Chief

Since its foundation in 2009, *Polymers* has developed into an internationally renowned, extremely successful open access journal. The editorial team and the editorial board dedicatedly combine open-access publishing and high-quality rigorous peer reviewing. The performance of the journal has proven this strategy to be well-suited and highly successful. This is reflected in the increasing impact factor of *Polymers*, the most recent one being 4.7.

I would like to invite you to contribute to the success of the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Alexander Böker
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