Special Issue

Innovations in Polymer Composites for Sustainability and Multifunctionality

Message from the Guest Editor

Polymer composites convey substantial advantages to a variety of applications due to their significant weight-saving benefits and ability to be tailored to achieve structural and multifunctional performance. These materials are increasingly employed in the aerospace, automotive, biomedical, marine, and many other industries. Two of the current challenges in polymer composites are sustainability and multifunctionality. This Special Issue aims to present recent advances in polymer composites for sustainability and multifunctionality. The scope of this Special Issue includes the following:

- Recyclability of polymer composites;
- Using recycled components for polymer composites;
- Decarbonization in the manufacturing process of polymer composites;
- Innovations in the structure and properties of polymer composites towards multifunctionality (e.g., structural, heat dissipation, thermal protection, biomedical applications).

We welcome research contributions related to the above topics, including experimental studies, analysis, simulations, and reviews.

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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