Special Issue

Advances in Waste Based Polymer Composites

Message from the Guest Editors

Recently, researchers have shifted their focus toward the extraction and preparation of various polymers and polymer composites from waste-based sources. This has not only helped to manage waste sustainably, but also provide cost-effective options for polymer production. Thus, the production of waste-based polymers is an environmentally friendly and economically efficient option. However, the extraction, and purification of polymers from wastes and their structure–property relationships require further optimization, understanding, and researcher attention. This Special Issue is introduced to encourage experts from all over the world to share a platform to showcase their advanced research and exchange ideas. Some examples of topics of interest are given below:

- The extraction and characterization of recycled polymers and polymer composites from agricultural wastes.
- Green chemistry in extraction and the synthesis of waste-based polymers and composites.
- Structure–property relationships of waste-based polymers.
- Novel applications of waste-based polymers such as in water and wastewater treatment.

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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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