

Special Issue

Functional Polymer Composites: Synthesis and Application

Message from the Guest Editor

The Special Issue titled “Functional Polymer Composites: Synthesis and Application” aims to explore the innovative advancements in the field of polymer composites that exhibit enhanced functionality for various applications. Polymer composites, which combine polymers with other materials, have gained significant attention due to their unique properties, such as their light weight, high strength, and versatility. This Special Issue will focus on the latest synthesis techniques, including novel polymerization methods, blending strategies, and the incorporation of nanomaterials to create composites with tailored properties. Additionally, we will highlight the various applications of these functional composites across multiple industries, including automotive, aerospace, electronics, and biomedical fields. Contributions will cover both theoretical and experimental studies, emphasizing the relationship between synthesis methods and the resulting material properties. We encourage researchers to submit original research articles and reviews that provide insights into the challenges and future directions regarding the development of functional polymer composites.

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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