

Special Issue

Advancements in the Development of Polymer Composites: Design, Fabrication, Properties and Application

Message from the Guest Editor

In the last decade, the development of polymer-based composites has become one of the “hot topics” of research due to industry demand to obtain products with excellent properties and a small mass for both biological applications and microelectronics devices. Research activities are focused on strategies to improve the functional properties of polymer composites, such as searching for new combinations, microstructure optimization and texturing. Advancements in microstructure engineering allow polymer composites to be developed which possess the significant advantages of material coefficients and have potential applications in areas such as electronics, healthcare and automotive domains. This Special Issue is dedicated to current research activities on the most recent developments in polymer-based materials including novel material design, advanced fabrication techniques and models for explaining functional properties. This Special Issue invites researchers working in the field of materials science, including both experimental and theoretical approaches, to submit their research.

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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