

Special Issue

Advanced Functional Polymer Composites: Preparation, Processing and Properties II

Message from the Guest Editors

Polymer composites (PC) are composite materials composed of a variety of additives bound together by an organic polymer matrix. PCs are designed to transfer loads between additives and a matrix. Some of the advantages of PCs include their light weight, high stiffness, and their high strength along the direction of their reinforcements. Being both strong and lightweight, polymer composites have already found wide-ranging uses in structural and engineering contexts. Through advancements in materials science and engineering, the potential for further applications of polymer composites can be achieved by introducing functionality. This Special Issue on advanced functional polymer composites (AFPC) focuses on this exciting new generation of materials. Sitting at the intersection of physics, chemistry, materials science, and engineering, it welcomes contributions on all types of composite materials, the only caveat being that composite functionality must be clearly demonstrated.

Guest Editors

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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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