

Special Issue

Functional Cellular Polymer Composites

Message from the Guest Editors

The past decade has seen a growing interest in the application of functional cellular polymer composites in cutting-edge industry sectors. This interest is thanks to their advantages, such as light weight, low cost, high specific mechanical properties and versatility. Moreover, polymeric foam composites can provide multifunctional properties such as biocompatibility and antibacterial effect, electrical and thermal conductivity, self-cleaning, healing and damage detection and energy storage ability, among many others. The development of these novel materials would assist in combating upcoming shortcomings in the energy sector, environmental recovery, medical instruments and space exploration. Therefore, this Special Issue will focus on the recent findings in the field of materials science and technology regarding functional cellular polymer composite materials and all their aspects: design and fabrication, process, composition, morphological structure, characterization, application and functionalization, environmental impact and recycling, etc.

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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