

Special Issue

Polymer Porous Composite Materials: Structure and Properties

Message from the Guest Editors

Porous polymer materials play a significant role in industry and our daily lives. The properties of porous polymer materials (especially mechanical ones) have been continuously improved in different ways. One of the methods to improve the mechanical and physical properties of polymers is their combination with different micro- and nanoscale materials. Customization of the initial porous polymer matrix with various materials helps to not only improve some of the already known and outstanding properties of the given polymer, but it also adds new ones (e.g., combination polyurethane foams with different nanofillers). Evidently, structural investigation of polymer composites is of great importance since the filler's size, texture, charge, as well as its distribution in the polymer matrix can change the polymerization process and polymer microstructure, and hence, dramatically influence the properties of the composite material. This Special Issue aims to provide a forum for the discussion of recent advances in the investigation of the structure of porous polymer composites and structure-properties correlations.

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 4.9.

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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