Special Issue

Synthesis and Application of Polymer Porous Materials

Message from the Guest Editors

Dear colleague, Polymer porous materials are a class of emerging porous network materials, which are fabricated via strong covalent bonds between diverse building blocks with different structures and functionalities. Polymer porous materials are generally divided into two categories based on their degree of long-range order, including crystalline (e.g., COFs) and amorphous (HCPs, CMPs, PIMs, PAFs, etc.). Due to their large specific surface area, tunable porosity, strong designability, light weight, facile functionalization, and excellent chemical stability, polymer porous materials have received an increasing level of research interest in many important technological applications, such as sorption/separation, energy storage, cancer therapy, photoelectric conversion, chemical- and bio-sensing, optical devices, catalysis, and so on. This Special Issue aims to deliver new insights and report on recent progress in the synthesis, characterization, and application of polymer porous materials. Authors are welcome to submit their latest results in the form of original full articles, communications, or reviews on this broad topic.

Guest Editors

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Deadline for manuscript submissions

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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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