

Special Issue

Porous Polymer Scaffolds and Their Applications

Message from the Guest Editor

Porous polymers with a large surface area and well-defined porosities have a wide range of applications, including as reaction supports and tissue engineering scaffolds and in (bio)catalysis, gas storage, separation processes, and rechargeable batteries. They can be manufactured on different scales, ranging from microporous to mesoporous and macroporous polymers, and incorporate multiple chemical functionalities either into the porous framework or at the pore surface. They can also be produced in a molded monolith form or as films/membranes, beads, or microspheres. Ongoing efforts are directed at addressing key requirements for existing applications and understanding the structure–property relationships of these advanced materials in order to open up new avenues for more applications. Contributions to this Special Issue should focus on the synthesis, characterization, and/or modification of porous polymer scaffolds as well as on their potential application to thriving technologies in areas including (but not limited to): health; electronics; and energy storage. Original research articles, reviews, and short communications are welcome.

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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