Special Issue

Advanced Porous Polymer-Based Materials: Unlocking Catalytic and Environmental Applications

Message from the Guest Editors

Porous polymers, whether organic/inorganic or hybrid, are an intriguing class of materials whose unique monomer arrangement enables them to possess large surface areas, tunable pore sizes, and modifiable surface functionalities. This broad family includes synthetic and natural polymers, crosslinked biopolymers, and MOFs and COFs, which are commonly denoted as coordination polymers. In the field of catalysis and environmental applications, the use of porous polymers appears to be intriguing due to their versatility and dual functionality as support and active phases. This Special Issue seeks to provide a platform for researchers working on synthesis strategies and characterization techniques of porous polymer-based materials, focusing on the rational design of advanced (photo-)catalysts and adsorbents. Contributions on the performance of new active materials and/or supports in the aforementioned areas, including reviews, case studies, and original research, are encouraged.

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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