



Synthesis and Application of Polymer Porous Materials

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Deadline for manuscript
submissions:

closed (30 May 2023)

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.





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Message from the Editor-in-Chief

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