

## Special Issue

# Porous Organic Polymeric Materials: Design, Synthesis and Applications

### Message from the Guest Editors

In recent years, porous organic polymeric materials, including, but not limited to, hyper-cross-linked polymers (HCPs), polymers of intrinsic microporosity (PIMs), conjugated microporous polymers (CMPs), covalent organic frameworks (COFs) and porous aromatic frameworks (PAFs), have been well developed. Due to the diverse compositions and structures, ease of functionalization and tunable pore topologies, porous organic polymeric materials have been considered as potentially superior candidates for a wide variety of applications, such as adsorption and separation, filtration, catalysis, energy storage and conversion, mass transportation, drug delivery, etc. This Special Issue aims to gather scientific papers on significant breakthroughs in the field of porous organic polymeric materials. We welcome papers discussing design and synthesis strategies with an emphasis on topology, deep insight into chemical synthesis, structure–function correlation, state-of-the-art applications, or any other relevant issues. We expect that these joint endeavors will provide insightful guidelines for the advancement of porous organic polymeric materials.

### Guest Editors

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### Deadline for manuscript submissions

closed (28 February 2025)



## Polymers

an Open Access Journal  
by MDPI

Impact Factor 4.9  
CiteScore 9.7  
Indexed in PubMed



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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.

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### Editor-in-Chief

Prof. Dr. Alexander Böker

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