

Special Issue

Microporous Organic Polymers: Synthesis, Characterization and Applications

Message from the Guest Editors

Microporous organic polymers represent a rapidly-expanding class of amorphous porous materials, composed of fully covalently bound organic building blocks. Typical features of microporous organic polymers are pore diameters of less than 2 nm, high internal surface areas and elevated thermal stability, which allow them to be exploited for a broad range of technologically important applications, such as gas storage and separation, heterogeneous catalysis, sensors and electrochemistry, etc. This Special Issue of *Polymers* aims to report full research papers, communications and review articles based on the latest advances in the field of synthesis, characterisation and applications of organic microporous polymers.

Guest Editors

Dr. Mariolino Carta

Department of Chemistry, Swansea University, Singleton Park, Swansea SA2 8PP, UK

Dr. Johannes Carolus (John) Jansen

Institute on Membrane Technology, CNR-ITM, Via P. Bucci 17/C, 87036 Rende (CS), Italy

Deadline for manuscript submissions

closed (25 November 2018)



Polymers

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed



mdpi.com/si/15460

Polymers
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
polymers@mdpi.com

[mdpi.com/journal/
polymers](https://mdpi.com/journal/polymers)





Polymers

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed



[mdpi.com/journal/
polymers](https://mdpi.com/journal/polymers)



About the Journal

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 4.9.

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

Fraunhofer-Institut für Angewandte Polymerforschung, Lehrstuhl für
Polymermaterialien und Polymertechnologie, Universität Potsdam,
Geiselbergstraße 69, 14476 Potsdam-Golm, Germany

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubMed, PMC, FSTA, CAPIus / SciFinder, Inspec, and other databases.

Journal Rank:

JCR - Q1 (Polymer Science) / CiteScore - Q1 (General Chemistry)