

Special Issue

Synthesis and Applications of Polymeric Adsorbent Materials

Message from the Guest Editors

Polymeric adsorbent materials have attracted much attention in recent decades in terms of their highly developed surface area, large pore volume, perfect mechanical strength, tunable surface chemistry, adjustable pore size distribution, and easy regeneration under mild conditions. This issue covers but is not limited to the performance analysis and applications of novel polymeric adsorbent materials. Different ex and in situ techniques to characterize and investigate these advanced materials such as their matrix, surface, and interface properties will be included. Of particular focus is their performance analysis and applications in the fields of carbon capture, air pollution remediation, water treatment, theoretical calculations, and engineering.

Guest Editors

Dr. Shuai Gao

Dr. Xiaoguang Duan

Dr. Bing Song

Dr. Jinqiang Zhang

Deadline for manuscript submissions

closed (25 February 2025)



Polymers

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed



mdpi.com/si/152973

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)