

Special Issue

Carbonized Polymers and Their Functional Applications

Message from the Guest Editor

The exploration of carbonized polymers has opened a new window for polymer research. This Special Issue aims to discuss the functional applications of carbonized polymers, exploring the development of novel multi-functional carbon materials derived from polymer precursor. All types of polymer precursors, including traditional synthetic polymers, biomass materials, conductive polymers, special-morphological polymers, etc., will be included in the scope of considerations. Current topics of interest to readers include all aspects related to structural evolution, hybridizations and interfaces, internal pore structure regulation, performance regulation from polymers to carbon, the structural–performance relationships, etc. This issue will establish and improve the bridge between polymers and carbon materials, explore the structural essence of polymers, and seek applications in fields such as energy, environment, biology, and engineering.

Guest Editor

Dr. Xiangnan Chen

College of Transportation Engineering, Dalian Maritime University,
Dalian 116026, China

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



mdpi.com/si/195699

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

Lehrstuhl für Polymermaterialien und Polymertechnologie, University of Potsdam, 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, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank:

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