Special Issue

Polymers for Selective Heavy Metal Removal

Message from the Guest Editors

Heavy metal contamination in water is a major problem in both developed and developing countries. Past approaches to heavy metal filtration, such as ion exchange resins, are either ineffective or highly expensive. A highly efficient, scalable technology with minimal energetic needs for removing heavy metal ions from water would be ideal. Thus, the applications of polymers as adsorbents, extractants, collectors, and precipitants have drawn tremendous research interest. The aim of this Special Issue is to highlight the progress and fundamental aspects of the synthesis, characterization, properties, and application of polymers for the selective removal of heavy metals.

Guest Editors

Dr. Xiangpeng Gao

Dr. Zhuo Zhao

Dr. Mingyang Li

Deadline for manuscript submissions

closed (31 August 2023)

Polymers

an Open Access Journal by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed

mdpi.com/si/162587

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

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

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 4.7.

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.

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)

MDPI