

Special Issue

Application of Polymer Materials in Water Purification

Message from the Guest Editors

Polymeric materials are useful for diverse scientific, technical, and industrial areas, offering sophisticated solutions to complex problems, with architecture tailored to the specific issue at hand. With the increasing complexity of water pollution due to the expansion of mining and industrial activities, it is imperative to develop new advanced polymeric materials capable of simultaneously removing a diverse range of pollutants from water, with a positive, negative or neutral charge. Furthermore, it is necessary to develop polymeric materials with a smaller fossil carbon footprint. Therefore, this Special Issue aims to compile a series of review articles and original research articles about the use of more sustainable/green polymeric materials obtained from renewable sources for water purification, whether for human consumption or for wastewater treatment. All articles that study materials in their raw or chemically modified form and that meet these requirements are welcome to contribute to this Special Issue.

Guest Editors

Dr. Maia Luisa Cardoso

Prof. Dr. Leandro V. A. Gurgel

Prof. Dr. Liliane Catone Soares

Deadline for manuscript submissions

25 January 2026



Polymers

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed



mdpi.com/si/209840

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 4.7.

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)