

Special Issue

Natural Degradation: Management of Polymer Degradation

Message from the Guest Editors

The rapid development of polymer science has brought convenience to people's lives. At the same time, more and more waste is produced from the use of polymer products, which causes harm to the environment. In order to protect the living environment, scholars have researched and developed the recycling technology of waste plastics. On the other hand, a lot of contemporary medicines contain polymers as a component, so a detailed study of the decay of such polymers, at least to their exit from the body, is required. The issue is devoted to the different ways of polymers natural decay. Biodegradation is considered the core subject, but data on the action of water, oxygen, ozone, and UV/Vis light are also included.

Guest Editors

Dr. Alexandre Vetcher

Nanotechnology at the Institute of Biochemical Technology and Nanotechnology, Peoples' Friendship University of Russia, Moscow, Russia

Prof. Dr. Alexey L. Iordanskii

N. N. Semenov Federal Research Center for Chemical Physics Academy of Science, 119991 Moscow, Russia

Deadline for manuscript submissions

closed (25 August 2023)



Polymers

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed



mdpi.com/si/134876

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)