



Challenges and Trends in Polymer Composites

Guest Editor:

Dr. Alexandrina Nan

National Institute for Research
and Development of Isotopic and
Molecular Technologies, Cluj-
Napoca, Romania

Deadline for manuscript
submissions:

15 June 2024

Message from the Guest Editor

Further to the success of the Special Issue of Polymers “Frontiers in Polymer Composites”, I am delighted to reopen this Special Issue, now entitled “Frontiers in Polymer Composites II”.

Polymer composites is a multi-phase material that combines the polymer matrix with other organic or inorganic materials resulting in synergistic mechanical properties that cannot be achieved from either component alone. Today, many composites materials based on polymers are at the leading edge of materials technology, with performance and costs appropriate to ultra-demanding applications and conquered different sectors such as the automotive industry, aerospace industry, aeronautics, agriculture, wastewater treatment, biomedical application and manufacturing industries, construction and the marine sector.

The Special Issue Frontiers in Polymer Composites offers a platform for discussion and highlighting the current development in the composites materials based on polymers, including manufacturing techniques, characterization, structure/property relationships, and especially for their applications.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Alexander Böker

Lehrstuhl für Polymermaterialien
und Polymertechnologie,
University of Potsdam, 14476
Potsdam-Golm, Germany

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 5.0.

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.

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 (*Polymers and Plastics*)

Contact Us

Polymers Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/polymers
polymers@mdpi.com
[X@Polymers_MDPI](https://twitter.com/Polymers_MDPI)