

Special Issue

Frontiers in Polymer Composites

Message from the Guest Editor

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. Increasing interest in lightweight, low density, toughness, stiffness, thermal behaviour, low cost, excellent chemical and mechanical stability and other specific properties depending on the desired application leads to significant research activity in composite materials based on polymers. 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, agriculture, wastewater treatment, biomedical application, 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.

Guest Editor

Dr. Alexandrina Nan

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

Deadline for manuscript submissions

closed (31 May 2022)



Polymers

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed



mdpi.com/si/78778

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)