Special Issue

Frontiers in Synthesis-Property-Applications of Multifunctional Environmentally Friendly Polymers

Message from the Guest Editor

Due to ecological reasons there is a considerable interest to decrease the usage of petroleum-derived chemicals and materials. Hence, there is a growing attention of researchers concentrated on research and synthesis on novel multi-functional materials based on environmentally friendly chemicals dedicated for large-scale applications. There is a lack of works describing the applications of multifunctional environmentally friendly materials, because the research focuses on receiving and the synthesis of new polymers based on bio-sourced and ecological raw materials, rather than seeking their innovative applications. Therefore, the aim of Special Issue is focused on the interdisciplinary discussion on properties, large-scale synthesis and applications of environmentally friendly materials based on biobased raw materials. In particular, the topics of interest include but are not limited to:

- Synthesis for large-scale production of multifunctional polymers based on bio-sourced raw materials
- Characterizations of multifunctional polymers
- Functionalization of polymers based on bio-sourced raw materials
- Applications for large-scale purposes of multifunctional polymers.

Guest Editor

Dr. Mariusz Tryznowski

Faculty of Production Engineering, Warsaw University of Technology, Narbuta 85, 02-524 Warsaw, Poland

Deadline for manuscript submissions

closed (30 April 2022)

Polymers

an Open Access Journal by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed

mdpi.com/si/77708

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

MDPI

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)