Special Issue

Development in Thermosetting Polymers

Message from the Guest Editors

Plastics are widely used in our daily lives, and while thermosetting polymers represent just under 20% of plastic production, serious drawbacks in terms of brittleness and poor fatigue resistance owing to their three dimensional cross-linking structure significantly restrict their extensive utilization. Therefore, modification of thermosets is essential for their applications. In order to address the growing concern regarding environmental issues, there is an increasing interest in the exploitation of bio-based, self-healing, recyclable and degradable materials. Consequently, bio-based, self-healing, and recyclable and degradable thermosetting polymers have recently become hot research topics. The aim of this Special Issue is to highlight the recent developments in thermosetting polymers. In particular, the modification of thermosetting polymers, as well as bio-based, self-healing, recyclable and degradable thermosetting polymer materials and functional thermosetting polymers are of interest.

Guest Editors

Dr. Jinrui Huang

Institute of Chemical Industry of Forest Products, Chinese Academy of Forestry, Nanjing, China

Prof. Dr. Zhubao Shao

Institute of Functional Textiles and Advanced Materials, National Engineering Research Center for Advanced Fire-Safety Materials D & A (Shandong), College of Textiles and Clothing, State Key Laboratory of Bio-Fibers and Eco-Textiles, Qingdao University, Ningxia Road, 308, Qingdao 266071, China

Deadline for manuscript submissions

closed (25 November 2023)

Polymers

an Open Access Journal by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed

mdpi.com/si/152465

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

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)

MDPI