



Advanced Study on Polyurethane

Guest Editors:

Dr. Jun Xiang

College of Biomass Science and Engineering, Sichuan University, Sichuan 610065, China

Prof. Dr. Wei He

College of Biotechnology and Pharmaceutical Engineering, Nanjing Tech University, Nanjing 210037, China

Deadline for manuscript submissions:

25 December 2024

Message from the Guest Editors

Dear Colleagues,

Polyurethane (PU) is a polymer material of immense importance and versatility that finds wide-ranging applications in the domains of construction, industry, and consumer goods. In addition to the conventional forms of PU materials such as foams, elastomers, adhesives, fibers, varnishes, and coatings, PU can also generate a plethora of other materials with distinct properties and applications. The emergence of sustainable development and circular economies has put the focus firmly on the sustainability and environmental impact of PU materials, thus leading to the demand for alternatives to traditional PU materials. Therefore, it is imperative to attain mastery over the latest research advancements and trends in PU materials. To this end, we invite researchers to submit research papers, reviews, case reports, and other contributions to this Special Issue. Topics of interest include but are not limited to the design and synthesis of renewable raw materials for PU, ecologically sustainable techniques for PU production, novel methods for PU characterization, and innovative applications of PU.

Dr. Jun Xiang
Prof. Dr. Wei He
Guest Editors





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 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.

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)

Contact Us

Polymers Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/polymers
polymers@mdpi.com
X@Polymers_MDPI