



Bio-Based Resins and Crosslinked Polymers from Renewable Resources

Guest Editors:

Prof. Dr. Naozumi Teramoto

Department of Applied
Chemistry, Faculty of
Engineering, Chiba Institute of
Technology, 2-17-1 Tsudanuma,
Narashino, Chiba 275-0016,
Japan

Professor Mitsuhiro Shibata

Department of Applied
Chemistry, Faculty of
Engineering, Chiba Institute of
Technology, 2-17-1 Tsudanuma,
Narashino, Chiba 275-0016,
Japan

Deadline for manuscript
submissions:

closed (30 September 2018)

Message from the Guest Editors

Dear Colleagues,

As the solution to the problems relating to an excessive dependence on fossil resources, polymers derived from renewable resources have been developed over the span of a few decades. Among these polymers, crosslinked polymers and resins are attractive due to the diversity of choices for resources, compared to linear thermoplastics. Research and development on bio-based resins and crosslinked polymers from renewable resources are steady and continuous, and there are still possibilities to encounter novel materials.

This Special Issue covers preparation, characterization, properties and applications of bio-based resins and crosslinked polymers from renewable resources, as well as their hybrids or composites with other materials. The methods for crosslinking are not limited to simple thermal curing methods, and can be extended to photocuring, non-covalent crosslinking and topological crosslinking methods. The aim is to update recent knowledge and broaden our perspective of bio-based resins and crosslinked polymers from renewable resources for environmentally-benign materials.

Dr. Naozumi Teramoto
Prof. Dr. Mitsuhiro Shibata
Gue





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)