



Cellulose Polymer-Based Composite Materials

Guest Editors:

Dr. Tippabattini Jayaramudu

Civil and Environmental
Engineering, South Dakota
School of Mines and Technology,
501 E. St. Joseph Street, Rapid
City, SD 57701, USA

Dr. Araz Rajabi-Abhari

Department of Chemical
Engineering and Applied
Chemistry, University of Toronto,
200 College St., Toronto, ON M5S
3E5, Canada

Dr. Hai Le Van

Department of Forest Biobased
Materials, Kangwon National
University, Seoul, Republic of
Korea

Deadline for manuscript
submissions:
closed (5 October 2023)

Message from the Guest Editors

Plastic materials play a significant role in human life due to their multiple applications. However, these materials are creating environmental problems and presenting challenges to scientists. Hence, it is required to develop benign materials. Significant efforts are made taken to develop cellulose polymer-based composite materials for advanced applications. Cellulose has played an important role from the beginning of humans living on earth. Furthermore, it is a readily available material with superior properties, i.e., lightweight, strong, biocompatible, and biodegradable.

This Special Issue mainly focuses on the recent developments of cellulose polymer-based composite materials and their advanced applications, especially in food packaging, wound dressing, drug delivery, cosmetics, antimicrobial, sensors, actuators, etc.. Therefore, we welcome manuscripts in the form of original research, reviews, and short communications that contribute to the area of cellulose polymer composite materials. We will also consider manuscripts with the potential to explore the possibility of cellulose and cellulose functionality in the composite materials field.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Alexander Böker

Fraunhofer-Institut für
Angewandte Polymerforschung,
Lehrstuhl für Polymermaterialien
und Polymertechnologie,
Universität Potsdam,
Geiselbergstraße 69, 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 4.9.

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