

Special Issue

Functionalized Bio-Based Polymers for Environmental Applications

Message from the Guest Editor

Natural polymers such as polysaccharides show outstanding characteristics in the design of new sustainable biomaterials, either due to their intrinsic properties of biodegradability, renewability, relative abundance, and profitability or because of the feasibility of their chemical modification. From a chemical point of view, the chemical functionalization of polysaccharides with different moieties becomes attractive because the modification confers new or improved properties for a more versatile application.

This Special Issue deals with the most recent contributions to the development of functionalized polysaccharides used as sustainable adsorbents or green devices for environmental applications. Furthermore, new insights into the adsorption mechanisms involved in the adsorbent–adsorbate interaction are highly welcomed.

Guest Editor

Prof. Dr. Ricardo Manríquez-González

Department of Wood, Cellulose and Paper, University of Guadalajara, Guadalajara, Mexico

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Polymers
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
polymers@mdpi.com

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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.

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

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