



Recent Advances in Bio-Based Polymers

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submissions:

closed (25 November 2023)

Message from the Guest Editors

This section of *Polymers* aims to rapidly publish contributions on all aspects of bio-based polymers. We encourage the submission of manuscripts that provide novel and mechanistic insights that report significant advances in the field. Biobased polymers have various applications in medicine, tissue engineering, the food and petroleum industry, the paper and pulp industry, the printing and textile industry, etc.

Topics include, but are not limited to: Synthesis of biobased polymers; Characterization of biobased polymers; Properties of biobased polymers; Derivatization of biobased polymers; Conversion of biobased polymers into fine chemicals; Nanocomposites of biobased polymers; Environmental sustainability; Biocompatibility; Micro- and nanoencapsulation; Natural fibers; Biopolymers processing and performance; Applications of biobased polymers; Hydrogels; Wood composites; Cellulose, lignin, and hemicelluloses; Starch; Chitin-chitosan; Dextran, pullulan, and glucans; Alginate; Rubber; Proteins like collagen, casein, soy protein, zein, silk, etc.; Polyesters produced by bacteria like polyhydroxyalkanoates; Polymamides synthesized by bacteria, such as poly(glutamic acid).





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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 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.

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