Special Issue

New Advances in the Structure, Performance and Chemical Functionalization of Cellulose

Message from the Guest Editor

Cellulose is one of the most widely used natural polymers in the development of bio-based materials due to its clear advantages, such as renewability, profitability, and undeniable intrinsic chemical and physical properties. Nowadays, this polysaccharide has a broader scope of applications related to medicine and pharmacy (i.e., biomaterials such as scaffolds and drug delivery devices), biotechnology, the environment (i.e., enzyme and cell immobilization, removal of hazardous waste from aqueous media), chemistry and physical chemistry (i.e., adhesives and separation devices), material design (i.e., biocomposites and membranes), etc. This Special Issue is open to contributions that address the most recent cellulose research in terms of cellulose functionalization; bacterial cellulose; chemical and structural modification and characterization; moiety interactions in modified cellulose; and its application as biodegradable materials and biomaterials, in separation devices, and in biocomposites.

Guest Editor

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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

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