Special Issue

Advances in Cellulose-Based Materials

Message from the Guest Editors

As civilization develops, the need to use renewable sources of "green energy" as well as materials based on natural, renewable raw substances is increasing. An important aspect of the search for new functional materials is environmental performance. Therefore, the search is focusing on materials based on natural polymers, including the most abundant polymer in nature and the main building material of plants, i.e., cellulose. Materials based on cellulose are not only those derived from chemical modifications but also various types of composites. The synthesis of cellulose composites can deliver materials with specific properties. Their use is very wide and include biomedical materials implanted in the human body for the production and storage of energy. A very interesting application is the of use cellulose in the nanoscale, such as cellulose nanofibers, as a template to obtain nanocomposites with properties suitable for electrochemical devices, e.g., fuel cells, batteries, supercapacitors, etc. This Special Issue will focus on recent progress in the development of cellulose-based materials.

Guest Editors

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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 4.7.

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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