Special Issue

Cellulose-Based Polymeric Materials

Message from the Guest Editors

Biopolymer-based materials are environmentally friendly materials, which can be obtained from renewable sources. Following a circular economy principle, cellulose can be obtained from biomass residues from forests or crop production. Cellulose, being the most abundant biopolymer on the planet, is an obvious choice to produce materials with favourable properties for a wide range of applications, thus being a logical substitute to petroleum-based polymers, especially plastics. Cellulose is also a remarkable starting material for chemical modification, due to the large available hydroxyl groups in its structure. The derivatization can be carried out via different methods, leading to partially or fully dissolved cellulose. Other important classes of cellulosic materials are nanocelluloses (cellulose nanocrystals (CNC), cellulose nanofibrils (CNF) and bacterial cellulose (BC)). This class of biobased nanomaterials possesses outstanding properties and finds application in multiple areas. In this Special Issue, the objective is to bring together recent advances in the field of cellulose-based materials.

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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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