Special Issue

Degradable Polymeric Films and Coatings: Synthesis, Characterization, and Application

Message from the Guest Editors

This Special Issue is oriented to various naturally occurring biopolymeric materials used in the formation of composite films and coating formulations, including polysaccharides (cellulose, lignin, lignocellulosic complex, starch, and pectin/gums), proteins (silk, zein, soy, whey, wheat, and gluten), materials from agricultural feedstock, chitin and chitosan (aminopolysaccharides), and other widely abundant sources of biomass in the biosphere, including collagen/gelatin and microbial sources (pullulan, polylactic acid, and polyhydroxyalkanoates), etc. The wide variety of applications encompasses food packaging, filtration applications, water treatment, optical/photosensitive materials, sensors, energy production, catalyst/enzyme supports, superhydrophobic surfaces, smart materials, and wound dressings, among others. The aim of this Special Issue is to highlight progress in the synthesis, characterization, properties, and applications of degradable polymeric films and coatings.

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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

Prof. Dr. Alexander Böker
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