Special Issue

Bio-Based Polymeric Films

Message from the Guest Editors

Recently the massive consumer demands for short-term single-use plastic materials have produced huge plastic waste which in turn has created tremendous environmental pollution. Using biodegradable and renewable materials instead of non-biodegradable synthetic plastics is an environmentally friendly green way to reduce the plastic waste problem. Accordingly, the biodegradable polymers or biopolymers can be used to develop alternatives to synthetic petroleum-based plastics. Different sources of biopolymers, like carbohydrates, proteins, and lipids, as well as biodegradable polymers such as polyesters, polyamides, polyurethanes, etc. have been utilized recently to make environmentally benign biodegradable plastic. Hence, to reduce the plastic waste problem, the biobased biodegradable polymers can be a replacement for synthetic petroleum-based plastic.

The primary purpose of this Special Issue is to assemble the results about the preparation and characterization of biodegradable polymer-based composite films for potential applications in packaging and other fields of interest.

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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 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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