Special Issue

Polymers from Renewable Sources and Their Mechanical Reinforcement

Message from the Guest Editors

Currently, the Scientific Community has to face big concerns bound to worldwide plastic pollution and climate change due to the increment in Green House Gas emissions. Even the polymer scientists have been called to put into play their knowledge and expertise to achieve new solutions for the material production that do not impact on the environment. One possible route to answer to this demand is the development of polymers that are deriving from renewable sources, which being renewable are always available and not exhaustible as petroleum, and being usually obtained from biomass are CO2-neutral materials. However sometimes, polymers derived from renewable sources display inadequate mechanical properties which limit their potential applications and therefore restrain their development and use. To solve these drawbacks, chemical modifications of the macromolecular structure, the addition of fibers, organic or inorganic additives or the application of physical or thermal treatments could be applied. This Special Issue aims at highlighting the progress on the mechanical reinforcement of bioderived materials, by focusing on new additives, new blending processes or new technologies.

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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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