Special Issue

Renewable Functional Polymeric Materials

Message from the Guest Editor

It is commonly known that a crude-oil-based economy has its limitations due to a limited amount of global crude oil stock. It is necessary for the further development of our technologies to switch to polymers that are produced from sources other than crude oil. The production of polymers from plants, from molecules contained within plants and from the fermentation of plants are strategies followed by many polymer chemists. However, there are many other monomers and polymerization strategies available. If the whole polymer production process was based on just one strategy it would automatically lead to monocultures and we would pay a very high price in the context of ecology for a renewable polymer industry. Another aspect which can be discussed is the consumption of water, which is needed in order to grow the plants that are later used as sources of monomers. It should also be considered that plants used for polymer production should not coexist with plants used for food production. The scope of this Special Issue is to summarize renewable polymers including poly(lactide) but also polymers that have other origins. Its aim is not only to look at the polymers themselves.

Guest Editor

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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

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