Special Issue

Polymer Surface Modification and Adhesive Characteristics

Message from the Guest Editors

The polymer surface modification represents contemporary interest because of its importance in various technological applications. Many polymers are known for their excellent mechanical properties that are very important for many applications. In this Special Issue, attention is given to novel, advanced, improved, or economical effective modification techniques, including in physical or chemical areas. This covers different modification approaches that can be utilized to improve the adhesion characteristics of polymer surfaces, such as low-temperature plasma treatment (both atmospheric and vacuum), plasma assisted grafting, plasma polymerization, flame treatment, ozone treament, photografting, UV photo-oxidation, or chemical modification and their effect on the surface properties. The above mentioned interest is only indicative and can by extended by new techniques and approaches. Eventually, comparative studies of surface properties and adhesion characteristics using novel tools and techniques are welcomed for this Special Issue including theoretical modeling or simulations. Moreover, review papers regarding surface modifications of polymers are welcomed as well.

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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 4.9.

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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