

Special Issue

Recent Progress in Surface Treatment for Polymer Materials by Plasmas

Message from the Guest Editor

Polymers are indispensable materials in everyday life in modern 21st-century society. The complexity of polymer materials offers researchers to create new materials with remarkable properties. Experience has shown that polymer materials often do not have the desired properties for the intended applications, e.g., modifying surface properties to increase surface adhesion or increase surface energy, or modifying morphology or even chemical behavior. Plasma technologies are of growing interest for many reasons, including being chemical waste-free, as well as their ease of use, rapid and long-lasting effects, and versatility. This Special Issue aims to include experimental results that will enrich the know-how in modifying polymer surfaces exposed to plasma technologies. We welcome studies involving the use and development/customization of various atmospheric pressure plasma sources for modifying polymer surfaces. In addition, we also welcome studies using surface investigation techniques and methods that show a strong correlation between the results obtained and the operational parameters of the plasma sources.

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 4.9.

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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