Special Issue

Advanced Preparation and Characterization of Polymer-Based Thin Films

Message from the Guest Editor

This Special Issue invites contributions that explore cutting-edge advancements in the preparation and characterization of polymer-based thin films. These versatile materials are pivotal in a wide array of applications, from flexible electronics and protective coatings to biomedical devices and energy storage. We aim to highlight innovative methodologies for the synthesis and deposition of polymer films, including, but not limited to, spin coating, dip coating, vapor deposition techniques, and self-assembly processes. Beyond preparation, the accurate and insightful characterization of these films is crucial for understanding their fundamental properties and optimizing their performance. We encourage submissions detailing novel characterization techniques, as well as new applications of established methods, to elucidate the morphological, structural, optical, electrical, mechanical, and surface properties of polymer thin films. This issue seeks to be a comprehensive resource for researchers and engineers working at the forefront of polymer thin film science and technology.

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

Prof. Dr. Alexander Böker
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