

Special Issue

Advanced Polymeric Materials for Anti-fouling Applications

Message from the Guest Editors

Polymeric materials with large molecule chains possess special properties and have broad applications. Numerous polymeric materials have been developed to allow the control of the functionality and physical properties of these materials. There is great significance to the continued development of functional polymers and the creation of polymeric materials that meet evolving global challenges and needs. In this Special Issue, we welcome submissions on functional polymeric materials with specific applications, which are based on surface coating, polymer surface modifications, polymer hybrid composites, or mimicking the surface topography of natural surfaces. Special attention will be paid to antifouling applications to eliminate or substantially reduce the extent of biological molecule attachment on the materials. Besides, the novel design and application of antifouling materials will be considered, such as anti-algae, anti-bacteria, anti-tissue adhesion, anti-blood coagulation, and oil repellent design, etc.

Guest Editors

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Deadline for manuscript submissions

closed (5 July 2022)



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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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