

Special Issue

Polymer-Based Coatings for Metallic Materials

Message from the Guest Editor

Polymer coatings on metallic materials have long functioned as electric insulation, corrosion protection, decoration, etc., owing to their incomparable film-forming capability and a variety of structures/properties that meet every demand needed. Net-zero carbon emissions and the circular economy are shaping future core and infrastructure industries, such as the electrification of transportation sectors and green manufacturing, towards more innovative and renewable energy and higher utilization efficiency. This Special Issue of *Polymers* advocates scientific and engineering advancements and promotes research that helps to develop novel electric machines and durable metal products by addressing existing challenges and providing advanced functions through polymer-based coating materials. We welcome creative contributions to the science, technology, and engineering aspects of polymer coatings on metallic materials, delving into novel material formulation, advanced characterization/testing/measurements, computational modeling/optimization, innovative applications, and so forth.

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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