

Special Issue

Polymers for Protective Coatings

Message from the Guest Editor

Protective coatings based on polymeric materials are increasingly critical in enhancing durability, environmental resistance, and functional performance across diverse applications, from industrial manufacturing to biomedical and consumer products. This Special Issue aims to explore recent advancements in the development, characterization, and application of polymer-based protective coatings, with particular attention to innovation in environmentally friendly and sustainable formulations. Topics of interest include polymer films and composites for corrosion protection, thermal and chemical resistance, antimicrobial properties, and coatings for energy-efficient or self-healing applications. We also welcome studies addressing the design of novel polymer architectures, surface modification techniques, and evaluation methodologies related to performance, reliability, and environmental impact. Both experimental and theoretical contributions are encouraged to support the understanding and future direction of high-performance polymeric coatings.

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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