



## Application of Novel Polymer Coatings

Guest Editors:

**Dr. Li Yu**

College of Health Science and  
Environmental Engineering,  
Shenzhen Technology University,  
Shenzhen 518118, China

**Dr. Linbo Han**

College of Health Science and  
Environmental Engineering,  
Shenzhen Technology University,  
Shenzhen 518118, China

Deadline for manuscript  
submissions:

**closed (25 April 2024)**

### Message from the Guest Editors

Dear Colleagues,

Newly-developed polymer coatings with applications ranging from energy and environment science to machinery manufacturing are attracting world-wide interest as they can remarkably improve chemical, mechanical, optical, thermal, electrical, and other performances. The functionality of the objective coatings can be successfully tailored to meet the demands of novel performances by controlling chemical compositions, structures, morphologies, and interfaces.

This special issue focuses on the molecular engineering of polymer coatings for applications in new energy, environment science, electronic and optical devices, and biomedical apparatus. Finally, the applications of polymer coatings are not limited to the contents mentioned above, other applications are also accessible.





an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Alexander Böker**

Lehrstuhl für Polymermaterialien  
und Polymertechnologie,  
University of Potsdam, 14476  
Potsdam-Golm, Germany

## 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 5.0.

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.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubMed, PMC, FSTA, CAPlus / SciFinder, Inspec, and other databases.

**Journal Rank:** JCR - Q1 (*Polymer Science*) / CiteScore - Q1 (*Polymers and Plastics*)

## Contact Us

*Polymers* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/polymers](http://mdpi.com/journal/polymers)  
[polymers@mdpi.com](mailto:polymers@mdpi.com)  
[X@Polymers\\_MDPI](https://twitter.com/Polymers_MDPI)