



## Advances in Polymeric Superhydrophobic Materials

Guest Editor:

**Dr. Xia Zhang**

State Key Laboratory of Solid  
Lubrication, Lanzhou Institute of  
Chemical Physics, Chinese  
Academy of Sciences, Lanzhou  
730000, China

Deadline for manuscript  
submissions:

**closed (15 September 2023)**

### Message from the Guest Editor

Dear Colleagues,

Due to the diversity and complexity of the application environment, especially in the seawater environment, metal materials are often corroded. The friction and wear cannot be avoided in the application process, causing safety risks and economic losses. Polymer-based superhydrophobic coatings and films are widely used in metal protection fields. We are pleased to invite you to contribute other unpublished papers to the journal *Polymers*. This Special Issue is aimed at Polymer-Based Superhydrophobic Coating and Films. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following :

- Composites
- Nanoparticles
- Hydrophobicity
- Catalyst supports
- Coating
- materials
- Oxides.

Dr. Xia Zhang  
*Guest Editor*





# *polymers*



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)