

## Special Issue

# Polymer Brushes: Synthesis, Properties and Structure

### Message from the Guest Editor

The growing interest of decorating various organic and inorganic substrates with functional polymer brushes has motivated us to create this Special Issue, which is aimed at collecting research papers on the following topics:

- Development of new synthetic strategies toward functional polymer brushes;
- Grafting of polymers from various substrates: single polymer chains, organic and inorganic materials, nano/microparticles, nanoporous materials and planar surfaces;
- Synthesis of polymer brushes with advanced architectures;
- Structure–property relationship of surface-grafted polymers;
- Development of stimuli-responsive hybrid polymeric materials;
- Physicochemical characterization of polymer brushes;
- Kinetics studies of surface-initiated polymerizations;
- Applications of polymer brushes.

We encourage you to publish full papers, reviews as well as communications.

### Guest Editor

Dr. Karol Wolski

Faculty of Chemistry, Jagiellonian University, Gronostajowa 2, 30-387 Krakow, Poland

### Deadline for manuscript submissions

closed (25 December 2022)



## Polymers

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Impact Factor 4.9  
CiteScore 9.7  
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## About the Journal

### 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.

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### Editor-in-Chief

Prof. Dr. Alexander Böker

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

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