

## Special Issue

# Preparation and Application of Functionalized Polymer Fabrics, 2nd Edition

### Message from the Guest Editors

A major challenge encountered in functionalized fabrics is the construction of polymer fabrics capable of multiple functions or specialized functions that meet the requirements of people's lives. Functionalized polymer fabrics developed using various polymers and fabrication techniques help to promote progress in science and technology and improve people's quality of life. However, traditional fabrics do not possess all of the properties required to achieve superior function. This Special Issue aims to highlight the preparation and application of functionalized polymer fabrics, including the discovery and development of natural and synthetic fabrics, the composite architecture strategy, the design and optimization of surface modifications, wearable smart fabrics, and the relationship between the composition and functions of different structures. This Special Issue will comprise a collection of peer-reviewed articles that present original breakthrough research, comprehensive reviews, perspectives, and highlights that advance the frontier of functionalized polymer fabrics.

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### Guest Editors

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### Deadline for manuscript submissions

closed (30 October 2025)



## Polymers

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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 4.9.

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

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