

# Special Issue

## Polymer Fibers in Textile Industry

### Message from the Guest Editor

Polymer fibers, with their infinite designability, are continuously driving the textile industry from the traditional to the high-tech level. They quietly enhance the quality of life, safety standards, and sustainable development capabilities of society.

This Special Issue of the open-access journal *Polymers* focuses on a comprehensive collection of cutting-edge research and insightful reviews at the fascinating intersection of polymer science, fiber engineering, and textile technology on the topic of “Polymer Fibers in Textile Industry”. The contributions highlight the remarkable evolution of polymer fibers from traditional materials to advanced, high-performance constructs that are reshaping the future of the textile industry. Special emphasis will be placed on, but not limited to, the following:

- Design and synthesis of novel polymer fibers;
- Advanced textile manufacturing and processing techniques;
- Functional and smart textiles;
- High-performance protective fibers or textiles for military and medical use;
- Recycling technologies of fibers;
- Life-cycle assessment of textile products.

### Guest Editor

Dr. Lili Wang

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### Deadline for manuscript submissions

30 April 2026



## Polymers

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Impact Factor 4.9  
CiteScore 9.7  
Indexed in PubMed



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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 4.9.

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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