

## Special Issue

# Polymer-Based Smart Textiles: Synthesis, Characterization and Application, 2nd Edition

### Message from the Guest Editors

We are delighted to launch the second edition of this Special Issue of the journal *Polymers*, “Polymer-Based Smart Textiles: Synthesis, Characterization and Application II”.

The ever-growing demand for portable and wearable electronics has driven considerable interest in smart textiles. In terms of their characteristics of flexibility, washability, and durability, smart textiles are excellent candidates to deliver electronic functions, such as sensing, healthcare monitoring, and energy harvesting, to each part of the human body via the integration of electronic devices into textiles. Smart textile sources are abundant and have a range of material types and manufacturing methods—from traditional approaches to one-step coating and printing technology. Innovation solutions are necessary to ensure that smart textiles achieve electrical stability in environmental conditions and have enough durability against mechanical forces. This Special Issue aims to gather high-quality original research works and specialized review articles on the synthesis, characterization, and application of polymeric textiles.

### Guest Editors

Dr. Jiyong Hu

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Dr. Hong Hong

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### Deadline for manuscript submissions

closed (31 January 2025)



## Polymers

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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

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