# Special Issue

# Innovative Ionic Conductive Polymers

### Message from the Guest Editors

Research in the field of ionic conductive polymers continues to advance, leading to the development of novel materials with enhanced properties and a broader range of applications. Ionic conductive polymers, often referred to as ion-conductive polymers, are a class of materials that exhibit the ability to transport ions and are typically categorized based on the types of ions they can conduct and the functional groups incorporated into their structure, like anion/cation-conductive polymers, proton-conductive polymers, polymeric ionic liquids (PILs), polyethylene oxide (PEO)-based polymers, polyelectrolytes, etc. These materials play a crucial role in the ongoing development of more efficient and sustainable technologies in various industries, including energy storage, flexible electronics, smart materials, bioelectronics, electrochemical sensors, fuel cells, and water purification, among others. For this Special Issue, we invite researchers to share their innovative results in the area of ionic conductive polymers for the development of next-generation materials.

### Guest Editors

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### Deadline for manuscript submissions

closed (31 March 2024)

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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.

## Editor-in-Chief

Prof. Dr. Alexander Böker
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