

## Special Issue

# Active Polymeric Materials for Electrochemical Applications

### Message from the Guest Editor

This Special Issue focuses on the development and application of active polymeric materials in electrochemical systems, emphasizing their critical role in energy conversion and storage. Polymeric materials have garnered significant attention due to their flexibility, chemical stability, and potential for sensor and biosensor applications. Their electrochemical properties make them ideal candidates for use in lithium-ion batteries, serving as polymer anode materials that enhance battery performance, longevity, and safety. This issue aims to showcase cutting-edge research in the field, particularly the integration of polymers in energy storage systems, highlighting advancements in electrochemistry for battery applications. By addressing challenges in energy efficiency, electrochemistry, and sensor technology, this collection will contribute to the development of sustainable, high-performance materials with applications in diverse fields such as energy storage, battery technologies, and biomedical sensing.

### Guest Editor

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## 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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