

Special Issue

Polymeric Materials for Supercapacitors and Metal–Air Batteries

Message from the Guest Editors

This Special Issue focuses on the latest advances in polymer-based materials for supercapacitors and metal–air batteries, covering polymer electrolytes (solid-state, gel, and composite), polymer-derived electrodes, polymer binders, and functional polymer composites.

Topics include molecular design of polymers, structure–performance relationships, interface engineering, and device assembly, as well as studies on charge storage mechanisms, oxygen reduction/evolution reactions, and long-term stability. By integrating fundamental research and practical innovations, this Special Issue aims to showcase cutting-edge achievements, bridge the gap between material development and device application, and inspire new directions for polymer-enabled high-performance energy storage systems. We welcome original research and review articles contributing to this rapidly evolving field.

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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.

Editor-in-Chief

Prof. Dr. Alexander Böker

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