

Special Issue

Boosting Energy Storage Battery Performance and Safety with Polymers

Message from the Guest Editor

Polymers play a crucial role in the development of next-generation energy storage systems. Their applications in batteries span a wide range, including use as separators, electrolyte additives, and electrode materials. This Special Issue aims to explore the latest advancements in polymer materials that enhance the performance, safety, and efficiency of energy storage batteries, including aqueous batteries. We invite researchers to contribute original research and review articles focusing on innovative polymer designs, synthesis, and their integration in various types of batteries such as lithium-ion, sodium-ion, solid-state, and aqueous batteries.

Guest Editor

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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 4.7.

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.

Editor-in-Chief

Prof. Dr. Alexander Böker

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