

Special Issue

Advanced Polymers and Polymer Composites for Energy Storage and Conversion

Message from the Guest Editor

We are pleased to invite you to contribute to our multidisciplinary Special Issue Advanced Polymers and Polymer Composites for Energy Storage and Conversion. Polymers and their modified derivatives play a crucial role in cutting-edge applications related to energy generation, storage, and conversion. Their impact spans diverse fields, including batteries, supercapacitors, organic electronics, electrocatalysis, CO₂ reduction, photovoltaics, NO_x reduction, water electrolysis, sensors, thermoelectric generation, fuel cells, conductive polymers, and smart polymers. This Special Issue aims to showcase the latest advancements in polymer modifications, fabrication techniques, and their role in shaping next-generation energy technologies and materials engineering. We welcome original research and review articles exploring novel polymeric materials, innovative design strategies, and their potential to drive breakthroughs in efficient energy storage, utilization, and conversion.

Guest Editor

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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.

Editor-in-Chief

Prof. Dr. Alexander Böker

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