

## 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, CO<sub>2</sub> reduction, photovoltaics, NO<sub>x</sub> 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.

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### Guest Editor

Dr. Mobinul Islam

Department of Energy and Materials Engineering, Dongguk University, Seoul 04620, Republic of Korea

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### Deadline for manuscript submissions

30 September 2026



## Polymers

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*Polymers*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[polymers@mdpi.com](mailto:polymers@mdpi.com)

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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 4.9.

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

Fraunhofer-Institut für Angewandte Polymerforschung, Lehrstuhl für Polymermaterialien und Polymertechnologie, Universität Potsdam, Geiselbergstraße 69, 14476 Potsdam-Golm, Germany

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