

## Special Issue

# High Performance Polymers for Energy Applications

### Message from the Guest Editor

At present, mankind needs to develop new materials and devices that are flexible, environmentally friendly, and ideally, biodegradable, abundant and multifunctional. This is due to the challenges we are facing such as the climate change, the contamination, the unfeasibility of the traditional energy sources and the unstoppable increase in the demand of electronic devices in our day-to-day lives. Polymers meet the aforementioned requirements. Therefore, they are investigated in this Special Issue on the development of sustainable and highly efficient devices for energy storage and conversion. We welcome papers that report energy applications using the following materials: (a) New polymeric materials that present outstanding or promising properties or performance; (b) Well-known and widely used polymers that present improved properties or performance through novel engineering and fabrication strategies. Energy applications include solar cells, electrochemical cells, catalysts, fuel cells, supercapacitors, batteries hydrogen storage, and beyond.

### Guest Editor

Dr. Yu Kyoung Ryu

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### Deadline for manuscript submissions

closed (30 April 2024)



## 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 4.7.

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.

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### Editor-in-Chief

Prof. Dr. Alexander Böker

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