



*polymers*



an Open Access Journal by MDPI

## Advance in New Energy Materials and Devices

Guest Editors:

**Prof. Dr. Meicheng Li**

School of New Energy, North  
China Electric Power University,  
Beijing 102206, China

**Prof. Dr. Rongzong Zheng**

College of Materials and  
Metallurgy, Guizhou University,  
Guiyang, China

Deadline for manuscript  
submissions:

**closed (15 February 2023)**

### Message from the Guest Editors

With the increasing depletion of energy and growth in climate change, developing renewable energy has become the central theme of world energy development. New energy materials and devices are the key to implementing the transformation and utilization of renewable energy technologies. This Special Issue focuses on the research and development of a new generation of high-performance green energy materials, technologies and devices. Energy conversion and storage materials, device design and preparing technology are the main research directions. Topics concerning solar cells, batteries and photocatalytic systems will receive increasing interest due to their clean, green sources and important application potential.

Prof. Dr. Meicheng Li

*Guest Editor*



[mdpi.com/si/79893](https://mdpi.com/si/79893)

# Special Issue



an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Alexander Böker**

Lehrstuhl für Polymermaterialien  
und Polymertechnologie,  
University of Potsdam, 14476  
Potsdam-Golm, Germany

## 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 5.0.

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.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubMed, PMC, FSTA, CAPlus / SciFinder, Inspec, and other databases.

**Journal Rank:** JCR - Q1 (*Polymer Science*) / CiteScore - Q1 (*Polymers and Plastics*)

## Contact Us

*Polymers* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/polymers](http://mdpi.com/journal/polymers)  
[polymers@mdpi.com](mailto:polymers@mdpi.com)  
[X@Polymers\\_MDPI](https://twitter.com/Polymers_MDPI)