

Special Issue

Recent Advances in Applied Polymers in Renewable Energy

Message from the Guest Editors

Recent advances in polymer technology have paved the way for their integration into renewable energy systems, offering promising solutions for energy storage, conversion, and efficiency improvement. We invite researchers and experts in the field to submit original manuscripts that address different topics of renewable energy production from the application of polymers, potential topics include but are not restricted to the following:

- Polymers in Solar Energy (Polymer and Copolymer blends, and flexible and printable solar panels)
- Polymers in Energy Storage (Polymer Electrolytes in Lithium-Ion Batteries, and Conducting Polymers in Supercapacitors)
- Polymers for Fuel Cells (High-Performance Polymer Membranes, Cost Reduction, and Polymer Electrolyte Membranes (PEMs) for electrolyzers)
- Polymers in Wind Energy (Improved Materials for Blade Durability, and Recyclable and Eco-Friendly Composites)
- Sustainability and Environmental (Recyclability, Biodegradable, and Bio-Based Polymers)

Guest Editors

Prof. Dr. Miguel Antonio Domínguez Crespo

Dr. Aidé Minerva Torres Huerta

Dr. Diana Palma Ramírez

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Polymers
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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 4.7.

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

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

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