Special Issue

Electrochemical Depolymerization of Polymers

Message from the Guest Editor

This Special Issue aims to explore cutting-edge advances and applications in the field of polymer electrochemical depolymerization. Electrochemical methods offer sustainable and environmentally friendly routes to breaking down complex polymer structures, providing opportunities for efficient recycling and resource recovery. The scope of this Special Issue encompasses a diverse range of polymers, including but not limited to biopolymers and biomass-based macromolecules, such as lignin and cellulose, synthetic polymers, and commercial plastics. Contributions may cover fundamental aspects, such as electrode materials, novel solvents and solvent systems, reaction mechanisms, and kinetics, as well as practical applications in the development of novel depolymerization processes and electrochemical devices. Researchers, engineers, and practitioners are invited to share their latest findings as original articles and to share extensive reviews on the field, contributing to the collective knowledge base that will drive sustainable solutions for polymer waste management.

Guest Editor

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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.

Editor-in-Chief

Prof. Dr. Alexander Böker
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