

Special Issue

Application and Development of Polymer-Based Catalysts

Message from the Guest Editor

In recent years, polymer-based catalysts have emerged as a transformative force in the field of catalysis. By ingeniously integrating the unique features of polymers with catalytic functionalities, they have revolutionized reaction dynamics. The modular architecture of these catalysts allows for the meticulous regulation of reaction pathways, thereby significantly enhancing reaction efficiency while minimizing environmental footprint. With their versatile nature, polymer-based catalysts have found extensive utility across multiple domains. In organic synthesis, they enable a diverse array of chemical transformations with high selectivity. In the energy sector, they play a crucial role in key processes, facilitating the transition towards sustainable energy solutions. Additionally, in environmental remediation, these catalysts prove instrumental in purifying polluted environments, showcasing their remarkable potential in addressing pressing ecological challenges.

Guest Editor

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Deadline for manuscript submissions

31 May 2026



Polymers

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed



mdpi.com/si/241066

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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 4.9.

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.

Editor-in-Chief

Prof. Dr. Alexander Böker

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