

## Special Issue

# Organometallic Catalysis for Polymerization

### Message from the Guest Editors

Organometallic catalysis plays a pivotal role in modern synthetic chemistry, especially in the field of polymer science. The utilization of organometallic compounds as catalysts in polymerization reactions has revolutionized the production of polymers, enabling precise control over molecular weight, stereochemistry, and polymer architecture. This Special Issue aims to explore the latest advancements and innovative research within the realm of organometallic catalysis for polymerization, underlining its significance and wide-ranging impact on material science, engineering, and beyond. This Special Issue will cover, but will not be limited to, the design and synthesis of novel catalysts, mechanistic insights into polymerization processes, the development of sustainable and green polymerization methods, and the synthesis of functional polymers with precise control over their structure and properties.

### Guest Editors

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### Deadline for manuscript submissions

25 December 2025



## 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 4.9.

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.

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### Editor-in-Chief

Prof. Dr. Alexander Böker

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