



Organometallic Catalysis for Polymerization

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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.





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