



an Open Access Journal by MDPI

# **Recent Advances in Polymerization Catalysis**

Guest Editors:

### Prof. Dr. IL Kim

Department of Polymer Science and Engineering, Pusan National University, Busan, Korea

#### Prof. Dr. Jeung-Gon Kim

Department of Chemistry and Research Institute of Physics and Chemistry, Chonbuk National University, Jeonju 54896, Korea

#### Prof. Dr. Binyuan Liu

Hebei Key Laboratory of Functional Polymers, Department of Polymer Materials and Engineering, Hebei University of Technology, 8 Guangrong Street, Tianjin 300130, China

## **Message from the Guest Editors**

lssue titled "Recent Advances This Special in Polymerization Catalysis" seeks to present the current state-of-the-art on the subject and to explore potential future developments as a result of recent progress and modern trends in the field of polymerization catalysis, including the development of new metallic. organometallic, and organic catalysts, new advancements in polymerization catalysis and in the synthesis of new polymeric materials, and new insights into the mechanism of catalytic polymerization. Novel catalyst systems for carbon-carbon bond formation via polvinsertions. metathesis, coupling reactions, and controlled radical polymerizations, for ring-opening polymerizations of lactones, lactams, lactides, carbonates, and epoxides, and for the fabrication of creative topologies are within the scope of this Special Issue. Both original articles and reviews are welcome.

Deadline for manuscript submissions: closed (30 September 2021)



**Special**sue