

## Special Issue

# Heterogeneous Catalysis: From Nano- and Cluster-Catalysts to Single-Atom Catalysts

### Message from the Guest Editors

Catalysis plays a critical role in many industrial processes, including the production of fuels, chemicals, and materials. Heterogeneous catalysis, in particular, is widely used in industry due to its high efficiency and low cost. In recent years, there has been a growing interest in developing more efficient and sustainable catalytic systems for industrial processes. This has led to the development of new types of catalysts, including nano- and cluster-catalysts and single-atom catalysts which offer several advantages over traditional catalysts, such as higher activity and selectivity, improved stability, and lower metal usage. This Special Issue aims to explore the latest developments in heterogeneous catalysis, particularly in the context of nano- and cluster-catalysts and single-atom catalysts, as well as their applications in industrial catalytic processes. We hope this Special Issue will provide insights into the latest advances in heterogeneous catalysis and inspire new ideas for developing more efficient and sustainable catalytic systems for industrial processes.

### Guest Editors

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### Deadline for manuscript submissions

closed (30 September 2024)



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