

Special Issue

Advances in Asymmetric Catalysis: Mechanisms and Applications

Message from the Guest Editor

Asymmetric catalysis has emerged as a pivotal area of research, playing a fundamental role in various scientific and industrial domains. The proposed Special Issue on "Advances in Asymmetric Catalysis: Mechanisms and Applications" aims to explore the latest developments and cutting-edge research in this dynamic field. The applications of asymmetric catalysis span a wide range of chemical reactions, including hydrogenation, oxidation, and cycloaddition reactions. These reactions are used to synthesize a variety of valuable compounds, such as chiral building blocks, natural products, agrochemicals, fine chemicals, and functional materials. The development of new catalytic systems and reaction conditions is essential for expanding the scope of asymmetric catalysis and addressing the challenges associated with the synthesis of complex molecules.

Guest Editor

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