



catalysts



an Open Access Journal by MDPI

Catalysis for Functionalization Reaction of Hydrocarbons Compounds

Guest Editor:

Prof. Dr. Jinbiao Liu

Jiangxi Provincial Key Laboratory
of Functional Molecular Materials
Chemistry, Faculty of Materials
Metallurgy and Chemistry,
Jiangxi University of Science and
Technology, Ganzhou 341000,
China

Deadline for manuscript
submissions:

31 October 2024

Message from the Guest Editor

This Special Issue focuses on the crucial field of catalysis for the functionalization reaction of hydrocarbon compounds, aiming to explore the latest advancements and innovations in this area. The background lies in the increasing importance of efficient and selective catalytic processes for transforming hydrocarbon compounds into valuable products. The scope encompasses various aspects, including the development of novel catalysts, understanding the reaction mechanisms, optimizing reaction conditions and exploring the application of these reactions in different industrial sectors. This Special Issue provides a platform for authors and readers to share their research findings, exchange ideas and contribute to the advancement of this field, ultimately driving the development of more efficient and sustainable catalytic processes for the functionalization of hydrocarbon compounds.



mdpi.com/si/200879

Special Issue