

Special Issue

State-of-the-Art of Catalytical Technology in China

Message from the Guest Editors

Recent decades have seen a rapid growth in catalytic science and technology in China. Notable contributions to many fields have been made, including but not limited to the optimal utilization of coal, petroleum and natural gas, green synthesis of advanced materials, and protection of the environment as well as human health. This Special Issue welcomes both review and original research articles on all aspects of heterogeneous and homogeneous catalysis, with an emphasis on fundamental and applied research implemented across China. Collaborative work between Chinese and non-Chinese partners is also welcome. Topics include, but are not limited to, the following: C1 chemistry; Conversion of C2-C5 paraffins; Electrocatalysis and photocatalysis; Environmental catalysis; Conversion of biomass and biomass-derived molecules; Catalyst characterization; Catalysis for chemical synthesis; In situ and operando analysis; Catalyst deactivation; Theory and computation in catalysis; Reaction engineering; Cross-cutting topic in catalysis.

Guest Editors

Prof. Dr. Yinghong Yue

Department of Chemistry, Shanghai Key Laboratory of Molecular Catalysis and Innovative Materials, Fudan University, Shanghai 200438, China

Dr. Hong Du

Dalian Institute of Chemical Physics, Chinese Academy of Sciences, Dalian, China

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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