



Active Sites in Catalytic Reaction

Guest Editor:

Prof. Dr. Zhenmeng Peng

Department of Chemical,
Biomolecular, and Corrosion
Engineering, University of Akron,
Akron, OH 44320, USA

Deadline for manuscript
submissions:

closed (31 August 2018)

Message from the Guest Editor

With technological advances in characterization approaches and computational chemistry in recent years, identification of active sites and elucidation of catalysis mechanisms become possible and would lead to a new era in catalyst research. This Special Issue aims to cover recent progress and research efforts in identifying, creating and characterizing active sites in catalytic reaction and in elucidating and theoretically understanding catalysis on active sites.

Detailed information see the following link:

http://www.mdpi.com/journal/catalysts/special_issues/ActiveSite

- Active site
- Catalyst development
- Reaction mechanism
- Heterogeneous catalysis
- Homogeneous catalysis
- Enzyme catalysis
- Electrocatalysis
- Photoelectrocatalysis
- Photocatalysis
- Density functional theory

