

Special Issue on Catalytic Reaction and Catalyst Research

Call for Papers

Catalyzed reactions are typically used to accelerate the rate by which a specific chemistry proceeds. Essentially, the action of the catalyst is to provide an alternative, lower energy pathway for the reaction. For this to occur, the catalytic substance interacts with a reactant and forms an intermediate compound. This intermediate is transient in that after it forms, it breaks apart leaving the original catalyst species unchanged. A catalyst is not affected by the reaction as far as the chemical structure or mass at reaction completion. The goal of this special issue is to provide a platform for scientists and academicians all over the world to promote, share, and discuss various new issues and developments in the area of **catalytic reaction and catalyst research**.

In this special issue, we invite front-line researchers and authors to submit original research and review articles that explore **catalytic reaction and catalyst research**. In this special issue, potential topics include, but are not limited to:

- Heterogeneous catalyzed reaction
- Homogeneous catalyzed reaction
- Heterogeneous and surface catalysis
- Catalytic mechanism
- Catalytic reaction kinetics
- Catalytic activity
- Biocatalysis

Authors should read over the journal's [For Authors](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's [Paper Submission System](#).

Please kindly specify the “**Special Issue**” under your manuscript title. The research field “**Special Issue - Catalytic Reaction and Catalyst Research**” should be selected during your submission.

Special Issue timetable:

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Guest Editor:

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