

Special Issue

Catalysis for Energy Transformation Reactions

Message from the Guest Editors

After the first successful Special Issue focused on photocatalysis for energy transformation, available [here](#), we propose the second edition, titled “Catalysis for Energy Transformation Reactions”. This Special Issue focuses on catalysis applications in a series of energy transformation reactions, including the activation of small molecules, the decontamination of wastewater, hydrogen production via water splitting, the reduction of carbon dioxide to hydrocarbon, fine chemical synthesis, and other energy transformation reactions. It discusses the fundamental aspects of all applications, as well as their proper mechanisms, thus providing essential information for extensive research in clean environment and green energy production.

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