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Synthesis and Application of Catalytic Materials in Energy and Environment

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Message from the Guest Editors

Dear Colleagues,

Catalytic materials have become prominent in many high-tech fields in recent years. These materials are not categorized according to their nature, bonding form, or processing methods, but rather according to their functions. The emergence of catalytic materials in energy (energy storage, conversion, and utilization) and environmental (detection, protection, and rehabilitation) applications has received increased attention from both academic and industry scientists. Thus, it is necessary to provide a platform for researchers and engineers to discuss the development of catalytic materials in energy and environmental applications.

This Special Issue, ''Synthesis and Application of Catalytic Materials in Energy and Environment'', focuses on the synthesis, characterization, application, and mechanism analysis of homogeneous and heterogeneous catalysts in energy and environmental applications. All studies (experimental and theoretical) within the scope of this Special Issue, including original research and review articles, short communications, and perspective articles, are invited for submission.