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Design and Development of Nanosized Materials for Catalytic Applications

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Nanosized materials have become increasingly popular for catalytic applications due to their unique physical and chemical properties. These materials have a high surface area-to-volume ratio, which makes them more efficient in catalyzing chemical processes and appealing in a wide range of catalytic applications such as hydrogenation, oxidation, carbon capture and storage, water treatment, and energy conversion. Within this context, the design and development of nanosized materials for catalytic applications is a rapidly growing field that involves the creation of highly active and selective catalysts with improved performance over conventional catalysts.

This Special Issue welcomes contributions regarding the design and development of nanosized materials for catalytic applications involving the selection of the appropriate nanomaterial, synthesis using various techniques, characterization, and evaluation of catalytic activity. You are kindly invited to submit a manuscript for this Special Issue. Full papers, communications and reviews are all welcome.

Dr. Lingshuai Kong
Guest Editor

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Message from the Editor-in-Chief

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