



Heterogeneous Catalyst for Energy Conversion and Environmental Applications

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Deadline for manuscript
submissions:
closed (20 August 2023)

Message from the Guest Editors

Dear Colleagues,

This Special Issue focuses on the recent advances and significance of nanomaterials (e.g., 0D, 1D, 2D, and 3D dimensional nanomaterials), related to the rational design, modification strategy, and study of unique properties of heterogeneous catalysts for efficient catalytic, photocatalytic, and photo-electrochemical applications for energy conversion and environmental remediation.

Heterogeneous catalysts in the form of nanomaterials and various dimensionalities (0D, 1D, 2D, and 3D) are important species in most applications because they serve as the bridging agents on heterojunctions or interfaces, or act as co-catalysts for unique charge interaction, improvement in electronic properties and surface chemistry for an efficient chemical reaction to take place. In addition, engineering heterogeneous catalysts in different dimensionalities enhances mass transfer, promoting efficient catalytic performance.

We kindly invite you to submit a manuscript for this Special Issue on “Heterogeneous Catalyst for Energy Conversion and Environmental Applications”. Full papers, communications, and reviews are all welcome.





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Message from the Editor-in-Chief

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