

Special Issue

Application of Metal-Based Nanocatalysts for Addressing Environmental Issues and Energy Demand

Message from the Guest Editor

The significant upsurge in energy demand and global warming are among the most critical challenges faced by modern society today. Catalysts play a pivotal role in addressing these issues as they have the ability to convert polluting compounds into clean fuels. In this Special Issue “Application of metal-based nanocatalysts for addressing environmental issues and energy demand” we would like to highlight the research devoted to the development of metal-based nanocatalysts to address these issues. We welcome all the researchers to submit their novel work as a communication, full paper or a review article. The scope of this special issue is as below:

- CO₂ utilization
- Gas reforming and gas conversion
- Syngas production
- Methanol production
- Fischer-Tropsch synthesis

Guest Editor

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