

## Special Issue

# Emerging Nanostructured Catalytic Materials for Energy and Environmental Applications

### Message from the Guest Editors

The advances in NCM in the last ten years support a new vision for the nanoscience-inspired design, synthesis, and formulation of new NCM with high activities for energetically challenging reactions, high selectivity to valuable products, extended life times, and recyclability leading to the production of industrially important catalytic materials. Success has been achieved to a great extent, but exploration of developing new NCM through the precise control of the composition and structure of the materials (metals, polymers, alloys, composites, hybrids, etc.) of choice is continuing. Tremendous efforts are being made to design innovative catalysts that can be utilized in a multitude of applications. This Special Issue is aimed at covering the latest progress and advances on emerging NCM to overcome the current issues and challenges with regards to synthesis and properties in the fields of energy (conversion and storage) and environment-related applications. Authors with adequate expertise on these topics are cordially invited to submit their contributions to *Catalysts*.

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### Guest Editors

Prof. Dr. Anantha-Iyengar Gopalan

Dr. Saianand Gopalan

Prof. Dr. Kwang-Pill Lee

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### Deadline for manuscript submissions

closed (30 September 2020)



## Catalysts

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#### Editor-in-Chief

Prof. Dr. Keith Hohn  
Carl R. Ice College of Engineering, Kansas State University, Manhattan,  
KS, USA

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