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Organic-Inorganic Hybrid Catalysts for Energy Applications

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Deadline for manuscript submissions:
closed (30 November 2021)

Message from the Guest Editors

Dear Colleagues,

It is a pleasure to invite you to submit your manuscripts to this Special Issue concerning a wide range of novel hybrid catalysts for energy applications. This Special Issue focuses on the advancements in the catalysts, including organic–inorganic, 3D hybrid catalysts, heterogenous catalysts that are used in cells including, but not limited to, fuel cells (methanol and ethanol electrooxidation), direct alcohol fuel cells, PEMFC, metal-air batteries.

This issue intends to highlight some recent findings in the production of organic–inorganic nanostructured catalysts with improved performances for energy application in conversion and storage, rechargeable metal–air batteries and fuel cells. The wide range of materials includes, but is not limited to, graphene (GO/rGO), carbon nanotubes, metals, metal oxides, and meso-nanostructure materials addressing the above-mentioned issues.

Dr. Lakshmanan Saravanan
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Guest Editors