



## Production and Properties of Functional Nanomaterials and Composites for Electrochemical and Catalytic Applications

Guest Editors:

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Deadline for manuscript  
submissions:

**closed (31 December 2021)**

### Message from the Guest Editors

Dear Colleagues,

Intensive research is being conducted into highly efficient and inexpensive nanoscale materials for electrochemical applications in renewable and clean energy systems. Nanostructuring of hybrid materials with multiple functions that are not attainable with their single components is a promising way to provide efficient and cheap electrocatalysts with comparable performances to noble metal-based catalysts and rare metal oxides.

We invite researchers to contribute original research papers as well as review articles on electrochemical applications of novel CP (PCP and MOF) nanomaterials, their hybrids with carbon materials, and their thermally derived functional materials and electrodes. Topics of interest include but are not limited to performance evaluation of nanostructured functional materials for water splitting, including oxygen evolution reactions (OERs) and hydrogen evolution reactions (HERs), oxygen reduction reactions (ORRs), CO<sub>2</sub> reduction, supercapacitors, batteries, etc. comparable to the currently used materials.

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