

## Special Issue

# Electrocatalysis of Nanocomposite Materials

### Message from the Guest Editors

The current shift of the world's economies toward the circular economy brings into sharp focus the use of electrocatalysts in detecting and converting what could be considered environmental pollutants into useful products. The Special Issue seeks to illustrate various aspects of nanocomposite materials, their preparation, fabrication and applications as electrocatalysts. The applications include detection of agricultural pesticides, environmental pollutants, pharmaceutical important drugs, biological molecules, and application in renewable energy. Recently, nanocomposites materials based on N4-macrocyclic complexes, pyrrolic complexes, Schiff-base complexes, metal and metal-oxide nanoparticles, carbon-based nanomaterials and their applications as electrocatalysts are of international research interest. Recent advances in method development in nanofabrication, nanostructuring, adsorption and chemisorption on nanocomposite materials onto electrode surfaces, and their electrochemical applications are investigated internationally.

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### Guest Editors

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Dr. Nolwazi Nombona

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### Deadline for manuscript submissions

closed (20 March 2022)



## Catalysts

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Prof. Dr. Keith Hohn  
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