



Structure-Performance Relationships of Nanocomposites in Electrocatalysis

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Message from the Guest Editors

Electrocatalysis has had unique growth in the last forty years and is attracting the attention of chemists as well as engineers, due to the application of new hybrid techniques, including energy conversion devices (e.g., fuel cells, metal–air batteries, electrolyser, solar cells), sensors, electro-organic synthesis, and so forth.

The purpose of this Special Issue is to provide a research forum to exchange the latest advances in nanocomposites as electrocatalysts in technological electrochemical reactions of organic electrosynthesis, galvanoplasty, sensors, fuel cells and batteries, and explore the potentials of nanocomposites for electrocatalysis future. Topics of interest include, but are not limited to: i) Construction approaches and fabrication techniques of nanocomposites; ii) Hybrid characterization techniques for nanocomposites and electrochemical reactions; iii) New theoretical considerations on nanocomposites for electrocatalysis; iv) Structure–performance relationships of nanocomposites for electrocatalysis; v) New applications of nanocomposites in electrocatalysis.

