Special Issue

Electrocatalysis: From Catalytic Reactions to Energy Storage and Sensing Applications

Message from the Guest Editors

Electrocatalysis has recently been highlighted in the development of renewable energy and biomolecules/chemical sensing applications considering the internal catalytic advantages of the surface reactions. This Special Issue is expected to further expand and facilitate the exposure of current studies in the related area, and to cover recent progress in electrocatalysis, biomedical/chemical sensors, and energy storage devices, including advanced materials and innovative technologies. Authors are encouraged to submit original research articles and review papers. The subtopics will include but not be limited to:

- Electrocatalysis: hydrogen evolution, oxygen evolution, oxygen reduction, CO2 reduction, N2 reduction, etc.;
- Energy storage devices: supercapacitors, metal ion batteries, metal air batteries, fuel cells, etc.;
- Biomedical/chemical sensors: glucose sensors, hydrogen peroxide, and pH sensors, etc.

Potential authors are encouraged to consult with the before preparing their manuscript to make sure the research topics are in line with the proposed Special Issue.

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Editor-in-Chief

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