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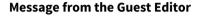
Advanced Nanomaterials for Electrochemical Energy Conversion and Storage

Guest Editor:

Dr. Jingyun Jiang

College of Materials Science and Engineering, Zhengzhou University, Zhengzhou, China

Deadline for manuscript submissions: **20 September 2024**



With the rapid development of human society, global issues such as climate change, global warming, and the energy crisis, energy shortages and environmental pollution have become serious problems faced by human society.

This Special Issue aims to cover all the latest innovations on advanced nanomaterials for efficient energy conversion, energy storage and environmental protection. Special emphasis will be placed on developing new advanced nanomaterials for electrocatalysis applications. Additionally, contributions analyzing the effect of the structure of advanced nanomaterials on their electrochemical properties are also appreciated. We are also interested in mechanistic studies on electrocatalytic activity and stability.

It is my pleasure to invite you to submit a manuscript for this Special Issue. Full papers, communications, and reviews are all welcome. Topics of interest include, but are not limited to, the following:

- Electrocatalysts;
- Nanomaterials;
- Two-dimensional materials;
- Electronic structure;
- Green synthesis;
- Hydrogen evolution reaction/oxygen evolution reaction/water splitting;
- Carbon dioxidenduction reaction;
- Mechanistic stud



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Editor-in-Chief

Prof. Dr. Maryam Tabrizian

 Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada
Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

Message from the Editor-in-Chief

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