

Special Issue

Heterogeneous Electrocatalysis: Fundamentals and Applications II

Message from the Guest Editors

In the past few years, the community has witnessed rapid and continuous development in the field of heterogeneous electrocatalysis. This Special Issue will cover experimental and theoretical studies in various electrochemical reactions, particularly CO₂/N₂/ nitrate electrochemical reduction, reactions in fuel cells, and water electrolysis. Both fundamental and applied studies are of interest, particularly regarding the development of new electrocatalysis systems with high activity/stability and the study of their degradation mechanism, fundamental investigations into the reaction mechanism/reaction kinetics/mass transfer at the electrocatalysis interface, and techniques to scale up electrocatalysis systems. The hope is to compile a set of high-quality manuscripts that convey exciting advances in the field of heterogeneous electrocatalysis.

Guest Editors

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Dr. Yao Yao

Dr. Mengjiao Wang

Deadline for manuscript submissions

closed (10 February 2023)



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