

Special Issue

Advanced Earth-Abundant Catalysts for Energy Related Electrochemistry

Message from the Guest Editors

This Special Issue aims to compile a set of manuscripts about advanced electrocatalysts composed of earth-abundant elements for energy related electrochemical reactions, including hydrogen evolution, CO₂ reduction, ammonia production, and the related anodic reactions. Additionally, we are also interested in new mechanistic insights into catalysts using in situ/operando characterization. The combination of various techniques is expected. Keywords

- water splitting
- CO₂ reduction
- ammonia production
- electrocatalysts
- reaction mechanisms
- in situ/operando characterization

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closed (30 April 2023)



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