



catalysts



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Multimetallic Electrocatalysts

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Deadline for manuscript submissions:

closed (10 November 2021)

Message from the Guest Editors

Designing multimetallic electrocatalysts with or without minimal use of noble metal is crucial for developing economically affordable, clean and sustainable energy technologies. In recent years, intense efforts have been made for the rational design of low-cost multimetallic electrocatalysts, including combined experimental and theoretical approaches to understand the structure–property relationships, and to identify important factors governing the superior performance of multimetallic electrocatalysts. This Special Issue on “Multimetallic Electrocatalysts” focuses on the recent experimental and theoretical advances that will enrich our knowledge to develop ultra-high performance size and shape-controlled electrocatalysts for the fuel cell. We are also interested in the influence of morphology, surface structure or composition, and strain on the long-term stability and thus activity of electrocatalysts. Additionally, novel experimental and theoretical approaches to understand the catalytic reaction kinetics on the electrocatalysts are encouraged.



mdpi.com/si/64467

Special Issue