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Advanced Materials for Efficient Electrocatalytic Hydrogen Production

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Message from the Guest Editors

In this Special Issue, we are inviting scientists and researchers to share their findings in efforts to generate hydrogen effectively using inexpensive advanced materials, such as transition-metal-based heteroatomic nanostructures, carbon- and non-carbon-based catalysts and supports, perovskites and their novel structures, such as single atoms, doping and alloying of metal and non-metal elements, etc. Different aspects of studies on the synthesis and characterization or evaluation of activity and degradation mechanisms of catalysts will be covered to provide fundamental insight into the development of high-efficiency hydrogen generation.



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Special Issue