Special Issue

Electrocatalysts for Fuel Cells and Hydrogen Production

Message from the Guest Editors

The development of an alternative sustainable energy economy is now unavoidable as the progressive and rapid depletion of the world's reserves of fossil fuels combined with increasing energy demands start to take its toll on our planet. In this context, hydrogen (H2), thanks to its high specific energy density and clean combustion to water, is a high-quality energy carrier and an ideal candidate to replace fossil fuels.

Research work submitted to this Special Issue should be centered on providing key insights in achieving highly active, stable, and sustainable electrocatalysts for fuel cells and electrolytic hydrogen production. Such understanding will provide stimulus and boost future research to bring a hydrogen-based energy economy closer to realization. We, therefore, invite papers on innovative technical developments (new materials), reviews, studies on performance and stability, and papers from different disciplines, which are relevant to electrocatalysis for fuel cells and hydrogen production.

Guest Editors

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Deadline for manuscript submissions

closed (20 June 2021)

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Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

Editor-in-Chief

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