



Hydrogen: Production, Storage and Uses

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Message from the Guest Editor

The Special Issue “Hydrogen: Production, Storage, and Uses” is dedicated to publishing high-quality and original research in the field of hydrogen and fuel cells in the global energy system. The status of hydrogen as a clean, flexible energy carrier will be discussed. The main objective of this Special Issue is to publish outstanding papers presenting cutting-edge advances in the field of hydrogen production, storage, and utilisation involving conventional and emerging technologies. The journal aims to explore key challenges in the development of all aspects of the hydrogen economy. Papers on safety considerations, potential regulations, and education in all aspects of hydrogen are also welcome.

The main topics covered by this Special Issue are scientific contributions on the following research topics:

Hydrogen production methods

Hydrogen storage methods

Hydrogen separation and purification

Hydrogen infrastructure

Hydrogen applications

Modelling for hydrogen systems and fuel cells

New materials for all areas of the hydrogen economy





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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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