Special Issue

Hydrogen Energy Technologies

Message from the Guest Editors

Hydrogen has an important potential to replace fossil fuel-based energy infrastructure due to its cleanliness, unlimited supply, and higher energy content per unit mass. It can provide storage options for renewable resources, and when combined with emerging decarbonization technologies, can accelerate the process of scaling up clean and renewable energy. Several technologies have evolved through the years, for hydrogen production/storage and utilization, while at the same time, hydrogen energy still face a number of technical barriers that must be overcome. This Special Issue aims to collect original research articles and comprehensive reviews focusing on hydrogen production, storage, transport, appliacations, and utilization technologies.

Guest Editors

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Deadline for manuscript submissions

closed (30 June 2023)

Hydrogen

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 5.5

mdpi.com/si/100190

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About the Journal

Message from the Editor-in-Chief

Hydrogen aims to be an advanced forum for scientists and engineers worldwide to share, promote and disseminate their fundamental discoveries and research innovations in the field of hydrogen science and technology as well as their studies regarding the market and socio-economic prospects of Hydrogen economy. The topics of interest include (but are not limited to): Hydrogen generation; Hydrogen storage; Hydrogen transport, distribution, and infrastructure; Hydrogen use; Reactions with hydrogen; Hydrogen applications; Fundamental aspects such as thermodynamics, properties, isotopes, compounds, phases, atomic and molecular hydrogen.
We hope to receive your finest work for publication in this journal and welcome your comments and suggestions on how to make *Hydrogen* an exceptional journal.

Editor-in-Chief

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