Special Issue

Current Status and Future Prospects of Hydrogen and Fuel Cell Technologies

Message from the Guest Editors

This Special Issue aims to present the most recent developments and future prospects for hydrogen production and storage systems and fuel cell technology. The future of energy targets a smart and sustainable economy based on knowledge, innovation, and efficient use of resources, especially environmentally friendly ones. Innovation is considered the best tool to face the increasing global competition successfully, and open innovation among universities and industry will create new opportunities and technologies while providing a response to major social challenges. Among the different cutting-edge technologies that emerged in the last decade, hydrogen and fuel cells are part of the portfolio of technologies identified in the strategic energy technology plan, which aims to accelerate the development of low-carbon technologies with expected contributions to a sustainable and secure energy supply system.

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Deadline for manuscript submissions

25 September 2025

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

mdpi.com/si/197031

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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.

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