



hydrogen



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Recent Advances in Hydrogen Technologies: Production, Storage and Utilization

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Deadline for manuscript submissions:

31 October 2024

Message from the Guest Editors

Researchers and scientists are invited to submit original research articles, review papers and case studies that contribute to the understanding and advancement of hydrogen-related technologies. Relevant topics include the following:

- Novel methods for sustainable hydrogen production.
- Advances in water electrolysis, photoelectrochemical processes and biological hydrogen production.
- Innovative storage solutions for hydrogen.
- Efficient and safe methods for hydrogen transportation.
- Hydrogen fuel cells for various applications.
- Integration of hydrogen into existing energy systems.
- Hydrogen as a key player in decarbonizing industries.
- Advances in materials for hydrogen production, storage and utilization.
- Technological developments enhancing the efficiency and durability of hydrogen-related systems.
- Policy frameworks promoting hydrogen adoption.
- Economic analyses and business models related to hydrogen technologies.



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Special Issue