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Hydrogen Energy Technologies: Recent Advances in Production, Storage and Applications

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Message from the Guest Editors

Today's fast growing and developing world is facing increased energy demand and needs alternative energy sources to fulfill it. This is the right time to switch from the traditional energy resources to the alternative and renewable energy sources which could reduce the emission of unwanted greenhouse gases and control the global warming problem. Hydrogen has been proposed as an efficient energy carrier, which is capable to replace fossil fuel-based energy infrastructure due to its cleanliness, unlimited supply, and higher energy content per unit mass. To adopt hydrogen as an energy carrier, several issues, including its clean production, storage, and efficient application, have been addressed during the last several decades. Continuous efforts are being carried out all over the world to make the hydrogen dream come true. This Special Issue will focus on the recent advancements in the field and invite researchers to submit their research articles focusing on the production, storage, and applications of hydrogen.



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Special Issue



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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.

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