

Special Issue

Hydrogen and Fuel Cell Technology

Message from the Guest Editor

Over the past few years, hydrogen fuel cell has received increased attention as a power source for a wide range of engineering applications, including vehicles, electronic devices, and power stations in residential and industrial buildings. The design, fabrication process, and materials of different fuel cell components play a key role in the performance, efficiency, and cost of this technology. Additionally, the ways through which hydrogen is produced and stored to be used in fuel cell devices may impact the feasibility of considering this technology for some applications. The theme of this Special Issue is on the most recent developments in the field of hydrogen cell technology covering the following topics:

- Innovative materials for fuel cell components;
- Design, development, and fabrication of fuel cell devices;
- Water and thermal management of fuel cell devices;
- Hydrogen production technologies;
- Hydrogen storage strategies and materials.

Guest Editor

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Deadline for manuscript submissions

closed (31 October 2021)



Sustainability

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Impact Factor 3.3
CiteScore 7.7



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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

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