

Special Issue

Fuel Cell Innovations: Fundamentals and Applications

Message from the Guest Editors

This Special Issue aims to provide a comprehensive platform for researchers to present and discuss the latest developments in fuel cell technology. By bringing together fundamental research and application innovations, this Special Issue seeks to highlight breakthroughs that contribute to enhancing the performance and durability of fuel cells. Topics of interest for publication include, but are not limited to, the following:

- Fuel cell system design and optimization;
- Durability, degradation mechanisms, and lifetime enhancement strategies;
- Hydrogen production, storage, and utilization in fuel cell applications;
- Emerging applications in transportation, stationary power, and portable electronics;
- Advanced simulations for the modelling of fuel cells;
- Mass and heat transfer in fuel cells;
- Water and thermal management of fuel cells;
- Advanced catalyst, membrane or material development for improving fuel cell performance.

Guest Editors

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Deadline for manuscript submissions

5 August 2026



Energies

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Impact Factor 3.2
CiteScore 7.3



mdpi.com/si/236956

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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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