

Special Issue

Control, Optimization and Energy Management in Fuel Cell Hybrid Systems

Message from the Guest Editors

The topics covered in this Special Issue include the following:

- **Control Strategies:** Researchers investigate novel control methodologies tailored to hybrid fuel cell systems.
- **Optimization Techniques:** Contributions focus on optimizing the operation of hybrid fuel cell systems to maximize performance metrics
- **Energy Management:** Energy management strategies, encompassing load scheduling, power flow control, and energy storage utilization.
- **Integration Challenges:** Integration challenges associated with hybrid fuel cell systems, including compatibility with renewable energy sources, grid connection, and hybridization.....
- **Sustainability and Environmental Impacts:** Addressing sustainability concerns through environmental impact assessments, life cycle analyses, and strategies for reducing emissions, optimizing.....
- **Performance Evaluation:** Case studies and real-world applications showcasing successful implementations of hybrid fuel cell systems in various domains.
- **Challenges and Future Directions:** Identifying challenges, barriers, and opportunities in optimizing energy management in fuel cell hybrid systems and exploring future research directions.

Guest Editors

Dr. Hassan El Fadil

National School of Applied Sciences (ENSA), Ibn Tofail University,
Kénitra 14000, Morocco

Dr. Abdellah Lassioui

National School of Applied Sciences (ENSA), Ibn Tofail University,
Kénitra 14000, Morocco

Deadline for manuscript submissions

31 October 2025



Processes

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Impact Factor 2.8
CiteScore 5.5



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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
processes@mdpi.com

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Editor-in-Chief

Prof. Dr. Giancarlo Cravotto

Department of Drug Science and Technology, University of Turin, Via P. Giuria 9, 10125 Turin, Italy

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