Special Issue

Design and Analysis of Fuel Cell Propulsion System

Message from the Guest Editors

This Special Issue aims to discuss and disseminate the most recent advances related to design, modelling, control methods in the typical components of fuel cell propulsion systems. Topics of interest for publication include, but are not limited to, the following:

- Degradation predictions and diagnostics of fuel cell systems;
- Fuel cell performance optimization control technology;
- Energy management strategies of fuel cell and lithium battery hybrid electric propulsion systems;
- Coordinated control technology for a multi-stack fuel cell system;
- AI-driven applications in fuel cell propulsion systems;
- The design and control of high-performance DC/DC converters;
- High-efficiency and high-power-density DC/AC inverters;
- The design and control of high-performance permanent magnet synchronous motors;
- The fault diagnosis and fault tolerance control of converter and electric machines.

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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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