Special Issue

Design and Control for Fuel Cell Systems

Message from the Guest Editor

In recent years, the field of fuel cell energy generation systems has become very active area of research field which has received great attention from academia and industry for different applications such as distributed generation electrical networks, stationary power generation, and residential and transportation applications. The fuel cell is an electrochemical energy conversion device which includes different intercoupled dynamic phenomena in electrical, fluidic, and thermal domains. In order to achieve optimized fuel cell performance, different operation variables, such as fuel cell temperature, inlet air flow rate, hydrogen pressure, membrane water content, etc., need to be properly controlled. The Special Issue of *Applied Sciences* "Design and Control for Fuel Cell Systems" focuses on latest progresses and developments in design and control methods in fuel cell applications to improve the lifespan and the robustness of the electrified system.

Guest Editor

Dr. Elena Breaz
FEMTO-ST Institute, University of Technology of Belfort-Montbéliard, 90010 Belfort, France

Deadline for manuscript submissions

closed (30 September 2021)

Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.5

mdpi.com/si/63810

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

mdpi.com/journal/applsci

Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.5

mdpi.com/journal/applsci

MDPI

About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)