

Special Issue

Advances in Hydrogen and Fuel Cell Systems

Message from the Guest Editor

Fuel cells have a clear potential to eliminate pollution, as they do not require fossil fuels. Alternatively, hydrogen can be produced anywhere and on different scalable volumes, which leads to more stabilized and decentralized power grids in the long term. Fuel cells are already commercially used in many applications. However, fuel cell cost is one barrier that is facing further commercialization of fuel cell technology in different applications. Fuelling fuel cells is another fundamental problem because the production, transportation, distribution, and storage of reactants is still technically challenging. Other limitations include the durability and reliability of the fuel cell system. This Special Issue, therefore, seeks to contribute to hydrogen and fuel cell systems by enhancing scientific and multi-disciplinary knowledge in the sector. Thus, we invite papers on innovative technical developments as well as reviews and case studies from different disciplines that are relevant to hydrogen and fuel cells.

Guest Editor

Dr. Abed Alaswad

School of Engineering and Applied Science, Aston University,
Birmingham B4 7ET, UK

Deadline for manuscript submissions

closed (20 April 2021)



Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



mdpi.com/si/45707

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

[mdpi.com/journal/
energies](https://mdpi.com/journal/energies)





Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



[mdpi.com/journal/
energies](https://mdpi.com/journal/energies)



About the Journal

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.

Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and Industrial Engineering, University
Niccolò Cusano, 00166 Roma, 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, RePEc, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

CiteScore - Q1 (Control and Optimization)