

Special Issue

New Insights into Hydrogen and Fuel Cell Technologies

Message from the Guest Editor

We are inviting submissions to a Special Issue of *Energies* journal on the subject area of “New Insights into Hydrogen and Fuel Cell Technologies”. Hydrogen and fuel cell technologies have experienced cycles of high expectations followed by impractical realities. This time around, however, falling renewable energy and fuel cell prices and stringent climate change requirements are step changes. The combination of such factors is leading to a realistic potential for hydrogen and fuel cell role in a global grand transition. This Special Issue, therefore, seeks to contribute to the renewable energy agenda through enhanced scientific and multi-disciplinary knowledge to improve the performance and deployment of hydrogen and fuel cell technologies. The associated hardware, technologies and operational and control methods of the balance of plant are crucial to achieving critical global targets in energy efficiency, low-carbon and low-emissions operations. The greatest challenges occur when these systems combine at a larger scale, forming a complex system.

Guest Editor

Dr. Fawwad Nisar Khatib

Institute of Engineering and Energy Technologies, University of West Scotland, Technology Ave, Blantyre, Glasgow G72 0LH, UK

Deadline for manuscript submissions

closed (31 January 2022)



Energies

an Open Access Journal
by MDPI

Impact Factor 3.9
CiteScore 8.3



mdpi.com/si/81148

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 3.9
CiteScore 8.3



[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)