

Special Issue

Energy Storage and Fuel Cell Systems Research and Development

Message from the Guest Editor

As one of the major applications of the promising energy storage vector-hydrogen, fuel cell can produce electricity without emitting pollutants or greenhouse gases. Fuel cell systems can be used in a wide range of applications, such as portable, transportation, and stationary utilizations. The excessive use of energy has pushed forward the research in the area of energy storage and fuel cell systems as the energy application. This Special Issue aims to present and disseminate the most recent advances related to the theory, design, modelling, control, and application of all types of energy storage and fuel cell systems. Topics of interest for publication include, but are not limited to:

- All kinds of chemical energy storage, physical energy storage and fuel cell, among others;
- Hydrogen energy;
- Energy efficiency;
- Fuel cell system and its application;
- Applications of energy storage.

Guest Editor

Dr. Yonghua Cai

School of Automotive Engineering, Wuhan University of Technology,
Wuhan 430070, China

Deadline for manuscript submissions

closed (31 May 2024)



Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



mdpi.com/si/149665

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)