

Special Issue

Advanced Materials and Technologies for Fuel Cells

Message from the Guest Editors

This Special Issue welcomes contributions focused on experimental techniques and computational theories that can provide fundamental insights into the development of new electrode, electrolyte, interconnects, and sealing materials, as well as on the technological improvements ensured by the use of fuel cells.

- Co-electrolysis
- High conductivity electrolyte materials
- Innovative architectures
- Nano-structured electrodes
- Platinum-group-metal-free electrodes
- Electro-catalysis
- Interconnects and sealing
- Internal fuel processing
- Balance of Plant (BOP) components
- Modelling at the cell-stack-plant level
- Life cycle and thermoeconomic analysis.

Guest Editors

Prof. Dr. Massimo Viviani

Dr. Antonio Barbucci

Prof. Dr. Maria Paola Carpanese

Prof. Dr. Sabrina Presto

Deadline for manuscript submissions

closed (20 October 2020)



Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



mdpi.com/si/23390

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)