

IMPACT FACTOR 3.0



an Open Access Journal by MDPI

Recent Developments and Emerging Trends in Chemical and Biological Fuel Cells

Guest Editors:

Prof. Dr. Alexandra M.F.R. Pinto

Department of Chemical Engineering, University of Porto, 4200-465 Porto, Portugal

Dr. Vânia B. Oliveira

Department of Chemical Engineering, University of Porto, 4200-465 Porto, Portugal

Deadline for manuscript submissions:

closed (30 April 2023)

Message from the Guest Editors

Dear Colleagues,

This Special Issue aims to stand out among similar titles available on recent trends and developments in chemical and biological fuel cells and shall discuss the key work done in order to improve FC performance based on their limitations regarding both fundamental and technological issues. This Special Issue has the main goal to be a valuable reference for FCs and energy researchers, designers, and manufacturers. Therefore, the topics of interest for publication include but are not limited to:

- Chemical fuel cells;
- Biological fuel cells:
- Optimization of operation conditions;
- Optimization of design conditions;
- Basic modeling;
- Advanced modeling;
- Diagnostic techniques;
- Durability and lifetime;
- Economic evaluation;
- Scale-up;
- New materials;
- Application.

Prof. Dr. Alexandra M.F.R. Pinto Dr. Vânia Sofia Brochado de Oliveira *Guest Editors*











an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and Aerospace Engineering, University of Roma Sapienza, Via Eudossiana 18, 00184 Roma, Italy

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.

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)

Contact Us