



Liquid Fuel Cells

Guest Editor:

**Prof. Dr. César Augusto
Correia de Sequeira**

Materials Electrochemistry
Group, Instituto Superior
Técnico, University of Lisbon,
1049-001 Lisbon, Portugal

Deadline for manuscript
submissions:

closed (15 April 2022)

Message from the Guest Editor

Dear Colleagues,

This Special Issue encourages the submission of papers focusing on electrochemical studies and the physicochemical characterization of active materials and sub-systems for liquid-feed fuel cell systems. In particular, this SI focuses on research and development related to:

- Fuels for liquid fuel cells;
- Direct liquid fuel cells;
- Regenerative organic fuel cells;
- Processes for electrode preparation;
- Electrochemical techniques of analysis;
- Nonplatinum-based nanostructured electrocatalysts;
- Design and fabrication of nanoporous metallic electrocatalysts;
- Macroporous substrate materials;
- Advanced single and double-layer gas diffusion layers;
- Manufacturing methods for metallic bipolar plates;
- Carbon and noncarbon hybrid support materials;
- Degradation mechanisms, focused on the support degradation;
- Novel spectroscopy and microscopy characterizations;
- Air, heat, and water management.



mdpi.com/si/78084

Prof. Dr. César Augusto Correia de Sequeira
Guest Editor

Special Issue



energies



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

Energies Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/energies
energies@mdpi.com
[X@energies_mdpi](https://twitter.com/energies_mdpi)