Special Issue

Liquid Fuel Cells

Message from the Guest Editor

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.

Guest Editor

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Deadline for manuscript submissions

closed (15 April 2022)

Energies

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Impact Factor 3.2
CiteScore 7.3

mdpi.com/si/78084

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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.

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