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Liquid Fuel Cells

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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.



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Prof. Dr. César Augusto Correia de Sequeira
Guest Editor

Special Issue



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Message from the Editor-in-Chief

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