

Special Issue

Advances in Alkaline Anion Exchange Membrane Fuel Cells

Message from the Guest Editor

I invite you to submit your research in this Special Issue of *Energies* on “Advances in Alkaline Anion Exchange Membrane Fuel Cells”. Energy is fundamental to the growth and advancement of human civilization, and over the years its demand has skyrocketed due to the technological advancement and population explosion, putting extreme pressure on fossil fuels. Alkaline exchange membrane fuel cells (AEMFCs) have recently become highly desirable environmentally friendly and green energy-conversion devices. This Special Issue will focus on showcasing the innovative and impactful research in addressing pressing issues in the various aspects of AEMFC research and development, spanning from electrocatalysts to modeling. Topics of interest for publication include, but are not limited to:

- Electrocatalysts;
- High-performance anion exchange membranes;
- Membrane electrode assembly optimization and engineering;
- Ionomers for cathode and anode;
- Advanced diagnostic methods;
- MEA flooding management;
- Cell component design;
- In situ analysis and measurement;
- Electrochemical impedance spectroscopy;

Guest Editor

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Deadline for manuscript submissions

closed (31 March 2022)



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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.

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