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Advances in Alkaline Anion Exchange Membrane Fuel Cells

Guest Editor:

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Deadline for manuscript submissions:
closed (31 March 2022)

Message from the Guest Editor

Dear Colleagues,

I invite you to submit your research in this Special Issue o f *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:

1. Electrocatalysts;
2. High-performance anion exchange membranes;
3. Membrane electrode assembly optimization and engineering;
4. Ionomers for cathode and anode;
5. Advanced diagnostic methods;
6. MEA flooding management;
7. Cell component design;
8. In situ analysis and measurement;
9. Electrochemical impedance spectroscopy;

Dr. Roby Soni
Guest Editor

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Message from the Editor-in-Chief

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