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Electrochemical Processes for Climate Change Mitigation

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Message from the Guest Editor

Electrochemistry, a key part of the 2019 Nobel Prize in Chemistry, is a powerful tool for designing diverse CO₂ mitigation approaches that can effectively help prevent dangerous anthropogenic interference with the climate system. Electrochemical processes will offer a unique advantage in the future, when electrical energy is mostly generated by renewables. Therefore, this Special Issue was designed to highlight the impact and importance of various electrochemical processes for climate change mitigation. Researchers are invited to submit their original research as well as review/perspective articles for publication in this Special Issue. Potential topics include, but are not limited to the following: ·electrochemical energy storage devices such as batteries; electrochemical reduction of CO₂ to produce valuable chemicals and fuels; electrochemical approaches for carbon capture and storage.



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Special Issue



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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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