Special Issue

Electroreduction of CO₂: Novel Device and Engineering Innovation

Message from the Guest Editors

In recent years, different devices have been developed with respect to different engineering problems, such as the gas diffusion electrode to resolve the issue of low gas solubility and Taylor flow to ensure gas/liquid mass transfer without agitation. Such progress are very promising in promoting CO2 electroreduction from the catalyst development stage to commercial application. This Special Issue, entitled "CO2 Reduction: Novel Device and Engineering Innovation", is dedicated to providing a platform to highlight the recent advances in this field. Potential topics include, but are not limited to, the following:

- Engineering innovations in solving the problems in the CO2 electroreduction process;
- Design of novel devices in CO2 electroreduction;
- Investigations into the operation of different kinds of CO2 electroreduction devices;
- Gas-liquid-solid interface engineering: simulation and experiments.

Submission Guidelines: Manuscripts are submitted through the online system at http://susy.mdpi.com, choosing journal "Processes", choosing the section "Chemical Systems" and Special Issue "Electroreduction of CO2: Novel Device and Engineering Innovation".

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Deadline for manuscript submissions

closed (20 July 2023)



Processes

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