

## Special Issue

# Electroreduction of CO<sub>2</sub>: 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 CO<sub>2</sub> electroreduction from the catalyst development stage to commercial application. This Special Issue, entitled “CO<sub>2</sub> 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 CO<sub>2</sub> electroreduction process;
- Design of novel devices in CO<sub>2</sub> electroreduction;
- Investigations into the operation of different kinds of CO<sub>2</sub> 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 CO<sub>2</sub>: Novel Device and Engineering Innovation".

### Guest Editors

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### Deadline for manuscript submissions

closed (20 July 2023)



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