

## Special Issue

# Recent Development of Electrocatalysis for Reduction of Carbon Dioxide

### Message from the Guest Editor

Decreasing the use of fossil fuels and the shift to renewable energy make electrochemical reaction processes candidates to replace many conventional thermochemical reaction processes. The cost of electric power from PV has to become competitive with that of fossil fuels, which make the electrocatalytic reduction of CO<sub>2</sub> be an even hot topic than thermal- or photo-CO<sub>2</sub> reduction in the very recent years. As a energy-dense pathway for CO<sub>2</sub> reduction, CO<sub>2</sub> electrocatalytic reduction may be able to go faster than CO<sub>2</sub> photoreduction. The opportunities for reaction engineers in electrochemical systems are abundant.

### Guest Editor

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