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Title:	Current trends in enzymatic electrosynthesis for CO ₂ reduction
Authors:	Chiranjeevi, P. (/jspui/browse?type=author&value=Chiranjeevi%2C+P.) Patil, Sunil A. (/jspui/browse?type=author&value=Patil%2C+Sunil+A.)
Keywords:	CO ₂ Enzymatic Chemicals
Issue Date:	2019
Publisher:	Elsevier
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Abstract:	Enzymatic electrosynthesis offers a novel approach to the production of chemicals through CO ₂ sequestration. In this minireview, we present the most recent state-of-the-art information on enzymatic CO ₂ reduction for the production of chemicals such as formic acid using oxidoreductase (single or multiple) enzymes as electrocatalysts in the enzymatic electrosynthesis cell. Key challenges toward upscaling of this CO ₂ utilization approach are identified, and future research directions are discussed briefly.
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