

Publications 2023

1. J.A. Abarca, G. Díaz-Sainz, I. Merino-García, J. Albo, A. Irabien. Statistical modeling of electrodes manufacture for CO₂ electroreduction to value-added products. *Computer Aided Chemical Engineering* 52, 3061-3066. 2023.
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5. J. Fernández-González, M. Rumayor, A. Domínguez-Ramos, A. Irabien, I. Ortiz. The Relevance of Life Cycle Assessment Tools in the Development of Emerging Decarbonization Technologies. *Journal of the American Chemical Society*. 2023.
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9. K. Fernández-Caso, G. Díaz-Sainz, M. Álvarez-Guerra, A. Irabien. Electroreduction of CO₂: Advances in the Continuous Production of Formic Acid and Formate. *ACS Energy Lett.* 8, 1992–2024. 2023.
10. K. Fernández-Caso, A. Pena-Rodríguez, J. Solla-Gullón, V. Montiel, G. Díaz-Sainz, M. Álvarez-Guerra, A. Irabien. Continuous carbon dioxide electroreduction to formate coupled with the single-pass glycerol oxidation to high value-added products. *Journal of CO₂ Utilization* 70, 102431. 2023.
11. J.A. Abarca, G. Díaz-Sainz, I. Merino-Garcia, G. Beobide, J. Albo, A. Irabien. Optimized manufacturing of gas diffusion electrodes for CO₂ electroreduction with automatic spray pyrolysis *Journal of Environmental Chemical Engineering* 11 (3), 109724. 2023.
12. M. Rumayor, J. Fernández-González, A. Domínguez-Ramos, A. Irabien. Perspectives for a sustainable implementation of super-green hydrogen production by photoelectrochemical technology in hard-to-abate sectors. *Cleaner Production Letters* 4, 100041. 2023.
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