Special Issue

Nanocatalysts for Electrochemical Reduction of CO2

Message from the Guest Editors

The electrochemical CO2 reduction reaction (CO2RR) to fuels and added-value chemicals is a promising route with which to recycle CO2 efficiently and therefore lower the global carbon footprint. Regardless of recent progress in the CO2RR, this field still faces challenges related to catalytic activity, selectivity, and durability. In this way, this issue is dedicated to highlighting recent research efforts focused on the design and synthesis of novel, cost-effective, and robust nanostructured materials including (bi-)metals, metal oxides and sulfides, carbon-based materials, and organic frameworks, among others, for electrochemical CO2RR. We invite colleagues working in these emerging and promising topics of research to submit their original works for publication in this Special Issue.

Guest Editors

Prof. Dr. José Solla Gullón
Institute of Electrochemistry, University of Alicante, Alicante, Spain
Dr. Paramaconi Rodriguez
School of Chemistry, University of Birmingham, Edgbaston, Birmingham, UK

Deadline for manuscript submissions

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Molecules
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
molecules@mdpi.com

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As the premier open access journal dedicated to molecular chemistry, now in its 29th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts, and novel materials. Pushing the boundaries of the discipline, we invite papers on all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

Editor-in-Chief

Prof. Dr. Thomas J. Schmidt
Institute of Pharmaceutical Biology and Phytochemistry, University of Münster, Corrensstrasse 48, D-48149 Münster, Germany

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