Special Issue

Electrochemical Sensors and Cells for Environmental Applications

Message from the Guest Editors

Several electrochemical technologies have emerged as promising approaches to remediate environmental problems. The applications include environmental monitoring, removal of hazardous species from liquid wastes and polluted soils, conversion of CO2 into feedstock chemicals and fuels, as well as recovery energy and resources from wastes. This Special Issue was designed to highlight all contributions that report on experimental and/or theoretical studies aiming for greater understanding and improvement of various electrochemical processes for environmental applications. Researchers are invited to submit their original research as well as review/perspective articles for publication in this Special Issue. Potential topics include but are not limited to:

- Electrochemical sensors for environmental monitoring;
- Electrochemical technologies used for energy and resource extraction from wastes;
- Electrochemical technologies for environmental remediation;
- Electrochemical processes for CO2 conversion;
- Electrochemical technologies for waste/water treatment;
- Electrodes or catalysts based on wastes or eco-friendly raw materials.

Guest Editors

Dr. Naoufel Haddour
Ampère Lab, Ecole Centrale de Lyon, 69134 Ecully, France

Dr. Yamina Mounia Azri
Centre de Développement des Energies Renouvelables (CDER), Bouzaréah, 16340 Algiers, Algeria

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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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Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th 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 multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all 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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