

Special Issue

Recent Advances in Electrochemistry: Analysis and Application

Message from the Guest Editors

This Special Issue aims to collate high-quality research articles, reviews, and communications that reflect the dynamic and interdisciplinary nature of modern electrochemistry. We invite contributions that explore new theories, methodologies, materials, and applications, shedding light on both fundamental studies and practical implementations.

Potential topics include, but are not limited to, the following:

- Advanced electrode materials for energy storage and conversion;
- Innovations in battery technologies (e.g., Li-ion, Na-ion, solid-state batteries);
- Fuel cell development and novel electrocatalysts;
- Electrochemical water splitting and hydrogen production;
- Carbon dioxide reduction and electrochemical synthesis;
- Nanostructured materials and nano-electrochemistry;
- Bioelectrochemistry and biofuel cells.

Guest Editors

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About the Journal

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.

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