Special Issue

Advances in 2D Materials for Electrochemical Applications

Message from the Guest Editors

Since graphene's isolation in 2004, research has expanded to various 2D materials, including transition metal oxides, disulfides, and MXenes. These materials exhibit exceptional properties, such as high electrical conductivity and favorable surface chemistry, making them ideal for electrochemical applications. This Special Issue aims to showcase advancements in 2D materials in electrochemistry, featuring original research and reviews on topics like: Electrochemical reactions in 2D materials in electrochemistry; Surface/interface chemistry of 2D materials in electrochemistry; Materials chemistry for advanced of 2D materials in electrochemistry; Energy storage and conversion mechanism of 2D materials in electrochemistry. We hope to enhance understanding of 2D materials in electrochemical systems and inspire further research in this field.

Guest Editors

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Deadline for manuscript submissions

30 April 2025

Molecules

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Impact Factor 4.2
CiteScore 7.4
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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.

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