# Special Issue

# Lithium Battery Materials: Developments and Perspectives

## Message from the Guest Editor

Lithium has the lowest reduction potential and small ionic radii, which gives it a high cell potential and power density. These advantages have led to a wave of research in this area in recent years. However, the potential power stability and cost issues of lithium batteries have led to the development of new materials and chemical technologies for lithium batteries becoming a research hotspot. We are pleased to invite you to contribute to this Special Issue, “Lithium Battery Materials: Developments and Perspectives”. The following types of manuscripts will be considered for publication: full research articles, short communications and reviews. This Special Issue will include, but is not limited to the preparation, characterization, development and performance of novel lithium battery materials. We also welcome research on battery chemistry and electrochemical mechanisms.

## Guest Editor

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## Deadline for manuscript submissions

closed (30 June 2024)

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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

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