

## Special Issue

# Frontier in Lithium-Ion Battery

### Message from the Guest Editor

Until about 25 years ago, the battery market was seen as established, with demand closely related to the sale of either automobiles or various consumer products. Due to the great improvement in portable devices and automotive applications, the development of high-performance lithium ion batteries with high-capacity retention, high coulombic efficiency, high energy density, and low cost is becoming increasingly urgent. A comprehensive understanding of the failure mechanism of materials and developing new materials play a critical role in further improving the electrochemical performance of lithium ion batteries. Therefore, this Special Issue aims to provide a platform for researchers and engineers to present their latest research findings and engineering experiences in developing and applying novel technologies to improve and address current challenges.

### Guest Editor

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### Deadline for manuscript submissions

closed (28 February 2023)



## Molecules

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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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