

# Special Issue

## Li-Ion Battery Materials

### Message from the Guest Editors

Lithium-ion batteries have emerged as critical electrochemical devices, essential customizable and important power sources for vehicles and large-scale energy storage systems. As one of the most important components, the materials, including positive and negative electrode materials, play a significant role for the improvement of the performance of lithium-ion batteries. Indeed, the rational design and preparation of various nanomaterials for LIB application has attracted huge attention from researchers worldwide in recent decades, and it has been a major research theme for the development of high-performance batteries. To present the achievements and progress in LIB materials in recent years, we are organizing this Special Issue. This Special Issue on "Lithium-Ion Battery Materials" will cover the latest advancements in LIB materials, including positive electrode materials and negative electrode materials in terms of the following aspects: material design and preparation, structure characterization, exploration of new materials and preparation technologies, theoretical calculation and simulation, etc.

### Guest Editors

Prof. Dr. Shijun Liao

Dr. Xiangbo Meng

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Dr. Xiaoyuan Zeng

### Deadline for manuscript submissions

closed (15 March 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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### Editor-in-Chief

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