

## Special Issue

# Materials for Next-Generation Lithium-Ion Batteries

### Message from the Guest Editor

Lithium-ion batteries have been proven to be efficient and high-energy-density electrochemical energy storage devices, and have been fully commercialized. However, existing battery systems cannot fully meet the requirements of electric vehicles, electrochemical energy storage and other fields in terms of energy density, safety, magnification performance, etc. Thus, it is imperative to develop next-generation lithium-based batteries. The purpose of this Special Issue is to draw attention to the latest progress in the field of next-generation lithium-based batteries, also integrating research progress in related fields. Topics of interest for publication include, but are not limited to:

- Cathode materials;
- Anode materials;
- Separators;
- Solid-state electrolytes;
- Electrolytes and additives;
- Materials related to battery thermal management.

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### Guest Editor

Dr. Zhaohuan Wei

School of Physics, University of Electronic Science and Technology of China, Chengdu 610054, China

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### Deadline for manuscript submissions

closed (25 March 2024)



## Batteries

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*Batteries*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[batteries@mdpi.com](mailto:batteries@mdpi.com)

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### Message from the Editor-in-Chief

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### Editor-in-Chief

Prof. Dr. Karim Zaghib

Department of Chemical and Materials Engineering, Concordia  
University, Montréal, QC H3G 1M8, Canada

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