

## Special Issue

# Trends and Prospects in Lithium-Ion Batteries

### Message from the Guest Editors

The present Special Issue invites researchers to submit original research articles, short communications, and review articles on the technological developments and application prospects of LIBs. Topics of interest include but are not limited to:

- Design of new type LIBs
- Physics analysis of LIBs
- Modeling and optimization of LIBs
- Design of battery management system
- Parameter estimation of LIBs
- Fault warning of LIBs
- Thermal, mechanical and electromagnetic coupling of LIBs
- New application scenarios for LIBs
- Artificial intelligence application in LIBs
- Scheduling problem of LIBs
- Design of hybrid energy storage system

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### Guest Editors

Prof. Dr. Liang Gao

Dr. Akhil Garg

Dr. Wei Li

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### Deadline for manuscript submissions

closed (30 November 2023)



## Batteries

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## About the Journal

### Message from the Editor-in-Chief

Take the opportunity to publish your original scientific work or a review paper concerning battery materials, battery technology or battery application within this new open access journal. Along with material science, the journal also addresses engineering and multidisciplinary research topics, such as cell and system design or storage system integration. Publishing proffers visibility for the benefit of other experts and facilitates discussion of the research results within the field. You are invited to publish your work, read published papers and to participate in topical discussions.

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### Editor-in-Chief

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