

## Special Issue

# High Performance Sodium Rechargeable Batteries and Beyond

### Message from the Guest Editors

Sodium batteries are feasible alternatives to Li-ion batteries. Great achievements have been made during the last decades, while challenges including low initial Coulombic efficiency, insufficient cycling stability, and unsatisfactory all-temperature performance remain. Rational material design and in-depth understanding of the reaction mechanisms are meaningful and highly desirable. In this Special Issue, we are looking for contributions including but not limited to:

- Novel electrode material design with high performance;
- Rational electrolyte design via solvation structure engineering;
- Artificial solid-electrode interphase engineering;
- Multiscale reaction mechanism;
- Advanced characterizations

We anticipate with pleasure receiving your submission of your latest research work on rechargeable sodium batteries and beyond.

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### Guest Editors

Prof. Dr. Zhe Hu

Dr. Lingfei Zhao

Dr. Jian Peng

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### Deadline for manuscript submissions

closed (15 August 2024)



## Batteries

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Impact Factor 4.8  
CiteScore 6.6



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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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