

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.

Guest Editors

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Dr. Jian Peng

Deadline for manuscript submissions

closed (15 August 2024)



Batteries

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Editor-in-Chief

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