



Sodium-Ion Battery: Latest Advances and Prospects

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Message from the Guest Editors

Dear Colleagues,

This Special Issue on sodium-ion batteries is focused on new sodium-ion battery technologies. Can we boost the performance and cost properties of a sodium-ion battery by pushing the boundaries of the materials, manufacturing processes, and device manufacture?

In order to establish sodium ion as a credible technology, it must be either a suitable alternative to current lithium ion technologies or have a market of its own. Can sodium ion provide technology which is suitable for new applications?

This edition discusses the suitability of sodium ion batteries for applications and pushes the current performance limits of device performance.

Potential topics include but are not limited to:

- Novel sodium-ion materials, positive, negative, and electrolytes;
- Electrode design;
- Electrochemical test method;
- NIB cell design;
- Safety failure analysis;
- Performance lifetime and degradation studies.





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Message from the Editor-in-Chief

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