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Beyond Li-Ion Batteries

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

In addition to traditional Li-ion batteries, it is worth mentioning that many emerging energy storage units have been successfully disclosed in last few years, such as metal-air batteries, Li-S batteries, Mg-ion batteries, Na-ion batteries, Li metal batteries, etc. These alternative battery systems attracted worldwide research interest due to their relatively low cost, high safety, enhanced performance, and promising development potential. The appearance of novel class of aforementioned batteries can significantly extend energy storage scope, as well as bring more new chemistries to the related fields. Therefore, this Special Issue is focused on the recent progresses and developments in beyond lithium ion batteries.

Potential topics include, but are not limited to:

- Metal-air batteries (i.e., Li-O_2, Na-O_2, etc.)
- Li-S batteries
- Mg-ion batteries
- Na-ion batteries
- Li-metal batteries

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Guest Editor

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Message from the Editor-in-Chief

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