



Energy Management and Storage in Metal-Air Batteries

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Message from the Guest Editors

Dear Colleagues,

In recent years, metal-air batteries, such as Na-air batteries and Li-air batteries, have attracted extensive attention and developed rapidly in the field of electrochemical energy storage due to their low cost, abundant resources and high theoretical specific capacity, etc. which makes them one of the most promising alternatives to Li-ion batteries. Despite the many advantages, metal-air batteries also face certain challenges.

This Special Issue aims to effectively disseminate the important results in metal-air batteries and their related electrocatalytic applications. We invite researchers from all over the world to publish their latest research results in the field of “Metal-Air Batteries”. It is expected to provide a theoretical basis and technical guidance for the rational design, performance evaluation, and kinetic studies of metal-air batteries for energy storage. The potential topics include but are not limited to:

- Air cathode design
- Electrolyte design
- Different metal-air batteries (Na, Li, Al, Mg, Zn...)
- Anode protection
- Performance lifetime and degradation studies
- Oxygen evolution reaction
- Oxygen reduction reaction





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Message from the Editor-in-Chief

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