

Special Issue

Advances in Electrochemical Energy Storage Systems

Message from the Guest Editors

Potential topics include, but are not limited to:

- Electrochemical materials for energy storage batteries;
- Key technology of battery management systems (BMSs);
- Bidirectional converters for electrochemical energy storage systems;
- Energy management of electrochemical energy storage systems;
- Optimized design and control of electrical components for energy storage systems;
- Thermal management of electrochemical energy storage systems;
- Optimized control of power electronics and power drives;
- Vehicle-to-grid and energy storage systems-to-grid;
- Key technology of unmanned aerial vehicle (UAV) and unmanned vehicles.

Keywords

- energy storage batteries
- battery management systems (BMSs)
- bidirectional energy storage converters
- energy management systems (EMSs)
- electrical components
- thermal management systems
- power electronics and power drives
- smart grid
- unmanned vehicles

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Deadline for manuscript submissions

closed (30 November 2023)



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Message from the Editor-in-Chief

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