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Recent Advances in Energy Storage and Conversion

Guest Editor:

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Deadline for manuscript submissions:
30 May 2024

Message from the Guest Editor

Dear Colleagues,

Despite recent advances in energy storage and conversion technology, discoveries and further improvements are still required. the aim of the special issue is to publish advanced and up-to-date original research and review papers with high quality in the field of energy storage and conversion, to provide platform for knowledge exchange on the frontier scientific research. Potential topics include but are not limited to the following:

- Batteries (Advanced Li/Na/K/Zn-ion batteries; Advanced Li-metal/sulfur/oxygen batteries);

- Supercapacitors (Graphene electrode, Hybrid capacitor, Electrical double layer);

- Electrolysis (Water, Carbon dioxide, and Nitrogen Reduction);

- Fuel cells (Electrode materials, Membranes, Catalytic reactions, Electrochemical processes and technologies).

Prof. Dr. Qingguo Shao

Guest Editor

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Editor-in-Chief

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Message from the Editor-in-Chief

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