International Journal of Electrochemistry

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Special Issue on

Advanced Batteries and Supercapacitors for Energy Storage

CALL FOR PAPERS

Recently, development of energy and conversation system has attracted great interest to replace the traditional fuels because of the global warming problem and increased consumption of fossil energy. Advances strategies have been introduced into various batteries and supercapacitors systems to improve their energy density, power density, and safety. Recently, researchers have been widely concerned with advanced batteries for energy storage due to their unique merits, such as Li-S batteries, Li-O2 batteries, and other ion batteries.

We invite investigators to contribute original research articles as well as review articles that will stimulate the continuing efforts to the development of strategies to improve their energy density, power density, and safety. We are particularly interested in articles describing the new electrode materials, electrolyte materials, and new technologies in application of the energy storage systems.

Potential topics include but are not limited to the following:

- Recent developments in electrode materials for energy storage systems such as Li-S batteries, Li-O2 batteries, and other ion batteries
- Advances in electrolytes for energy storage systems
- Latest technologies in the application for energy storage systems
- New strategies for synthesis of nanosized electrodes with different morphology
- Identifying mechanisms employed in energy storage systems

Authors can submit their manuscripts through the Manuscript Tracking System at https://mts.hindawi.com/submit/journals/ijelc/aecs/.

Papers are published upon acceptance, regardless of the Special Issue publication date.

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