



Polymers towards Next Generation Energy Storage

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Message from the Guest Editors

In the last ten years, new polymer hosts have been identified, mostly polyesters and poly(carbonates). The immediate advantage is the high stability at positive potentials ($\geq 4.3\text{V}$), a weak point of PEO-based systems that oxidize at $\geq 3.9\text{ V}$, i.e., below the potential of operation of layered oxides. Polyesters and poly(carbonates), however, are not stable vs. Li metal, and double layer electrolytes have to be used.

This Special Issue welcomes original research and reviews based on synthesis characterization or implementation of polymers or copolymers, composite polymers for electrodes; composite solid polymers electrolytes; and gel polymer electrolytes for next-generation energy storage.

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Message from the Editor-in-Chief

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I would like to invite you to contribute to the success of the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

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