

Special Issue

Lithium-Ion Capacitors: Trends in Sustainable Energy Storage and Conversion

Message from the Guest Editor

This Special Issue devoted to the study related to lithium-ion capacitors will collect communications, research articles, and high-quality review papers in research fields relating to materials chemistry. I kindly encourage all research groups working in this field to contribute to this Special Issue involving, but not restricted to: cathode and anode materials, electrolytes, and pre-lithiation methods. Theoretical studies are also welcome.

- lithium-ion capacitors
- asymmetric capacitors
- prelithiation
- metal-ion capacitors
- energy density
- power density
- life cycle

We kindly invite you to contribute an excellent paper to the SI. You are welcome to visit the [website](#) and submit your paper [here](#). If you have any questions, please feel free to contact Cecilia Li (cecilia.li@mdpi.com), the managing editor from Molecules editorial office.

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About the Journal

Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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