

Special Issue

Flexible and Wearable Energy Storage Devices

Message from the Guest Editors

Topics of interest for the Special Issue include, but are not limited to, the following:

- Innovations in flexible and stretchable electrode materials;
- Aqueous flexible batteries system;
- Development of solid-state, gel, and polymer electrolytes that enhance battery flexibility and safety;
- Novel fabrication methods like printing, coating, and lamination techniques for flexible and wearable batteries;
- Strategies to improve the energy density and capacity of flexible and wearable batteries without compromising their flexibility;
- Enhancing the safety and thermal stability of flexible batteries through advanced materials and structural design;
- Development of eco-friendly and biocompatible materials for use in wearable or implantable batteries;
- Innovations in wireless charging, energy harvesting, and power management systems for wearable batteries;
- Techniques for integrating batteries into wearable electronics, including textiles and medical devices.

Guest Editors

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Take the opportunity to publish your original scientific work or a review paper concerning battery materials, battery technology or battery application within this new open access journal. Along with material science, the journal also addresses engineering and multidisciplinary research topics, such as cell and system design or storage system integration. Publishing proffers visibility for the benefit of other experts and facilitates discussion of the research results within the field. You are invited to publish your work, read published papers and to participate in topical discussions.

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