Special Issue

Advanced Electrode Materials and Stable Electrolyte Interfaces for Batteries and Supercapacitors

Message from the Guest Editor

This Special Issue on Batteries and Supercapacitors is focused on advanced electrode materials and stable electrolyte interfaces. Can we find some low-cost, high-performance electrode materials for batteries and supercapacitors compared to those that are already available? If we want to improve the performance of batteries in terms of cost and energy-storage capability, we must either find effective and better alternatives to conventional electrodes for Li batteries or design new alternative battery technologies. Therefore, the major aim of this Special Issue is to obtain research evidence to improve battery technology by proposing advanced electrode materials and stable electrolyte interfaces as we introduce new battery designs. Potential topics include, but are not limited to:

- Novel materials for advanced electrodes;
- Next generation batteries or supercapacitors;
- New battery design;
- Electrode design.

Guest Editor

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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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