

Special Issue

Advances Materials for All-Solid-State Li-S Batteries

Message from the Guest Editor

All-solid-state Li-S batteries possess superiorities compared to Li-S batteries employing organic liquid electrolyte owing not just to the termination of the shuttle effect but also to the ease of materials and electrode composite design. The fabrication of positive electrodes has been well-studied to date, with the development of several types of active materials and their composites with solid electrolytes and electronic conductive materials. This Special Issue is devoted to gathering the latest updates on the development of fundamental studies on all-solid-state Li-S batteries:

- Development of active materials or electrolytes for all-solid-state Li-S batteries;
- New strategies on the fabrication of positive electrode composites, especially composite of oxide type solid electrolytes;
- Fabrication of negative electrode composites with the usage of graphite, silicon, Li metal, etc.;
- Investigation of binder in both positive and negative electrodes;
- Mechanical properties of materials, composites, and all-solid-state Li-S.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

I am delighted to introduce the new online open access journal *Electronic Materials* (ISSN 2673-3978). The aim of *Electronic Materials* is to publish high-quality and high-impact research papers, as well as review articles addressing recent advances in fundamental science, engineering, and practical applications of electronic materials. The interdisciplinary topics of the journal include materials science, device engineering, and the physics of electronic and magnetic properties. *Electronic Materials* also welcomes Special Issue proposals from academics and industrial researchers from all related fields. We encourage scientists and engineers worldwide to publish their innovative ideas and cutting-edge developments and technologies in the field of electronic materials.

The journal is now open for submission and the Editorial Team welcomes your manuscripts for publication.

Editor-in-Chief

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