

Special Issue

Electrolytes for Solid State Batteries—2nd Edition

Message from the Guest Editors

We are organizing a Special Issue on Electrolytes for Solid-State Batteries in *Batteries* (ISSN: 2313-0105). This Special Issue will present papers addressing the original and innovative areas as well as reviews and opinion pieces relevant to electrolytes and electrolyte surfaces for all kinds of solid-state batteries. Potential topics include (but are not limited to):

- Quasi/all-solid polymer electrolytes;
- Inorganic solid electrolytes (such as oxides, sulfides, halides and so on);
- Hybrid solid electrolytes;
- Eutectogel electrolyte;
- In situ fabricated solid-state electrolyte;
- Interfacial design and evolution;
- Ion-conductive mechanism;
- Solid state batteries (such as lithium, sodium, ...);
- Safety evaluation;
- Characterization techniques and theoretical computation/simulation of electrolyte and batteries;
- Materials Genome Initiative, Artificial intelligence (AI) and Machine learning (ML) of solid electrolyte.

In view of your international standing as a research scientist, we cordially invite you and your colleagues to contribute a manuscript. , ()

Guest Editors

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Deadline for manuscript submissions

closed (18 July 2025)



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About the Journal

Message from the Editor-in-Chief

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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