Special Issue

10th Anniversary of *Batteries*: Battery Health, Aging and Degradation Mechanisms

Message from the Guest Editor

The Special Issue "10th Anniversary of *Batteries*: Battery Heath, Aging and Degradation Mechanisms" examines how battery performance changes over time, focusing on the factors driving aging, the degradation mechanisms involved, and methods of monitoring, assessing, or mitigating these effects. Understanding these elements is crucial for improving battery design and enhancing its reliability, efficiency, and lifespan. Key topics of interest include the following:

- Degradation Mechanisms;
- Performance, Reliability, and State of Health (SoH);
- Safety Considerations.

In celebration of the journal's 10th anniversary, this Special Issue highlights advances in battery health and aging. We invite researchers, industry professionals, and academics to submit feature papers that present their latest findings, share insights, and discuss future directions in the field. By addressing these critical aspects, this Special Issue aims to contribute to the development of more durable, efficient, and safe battery technologies.

Guest Editor

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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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