Special Issue

Advanced Battery Technologies for Mobile and Stationary Applications

Message from the Guest Editor

Energy storage technologies, and, in particular, battery technologies, are key enablers of the electrification of many sectors of our economy and daily lives. Combined with renewable energy generation, they represent one of the most central technologies for the transition to a sustainable future. Research into advanced battery technologies, whether on material, cell, or system level, plays a vital role in supporting this transition by making batteries more **affordable, sustainable, and safe** for both mobile and stationary applications. This Special Issue aims to highlight and disseminate the most recent advances in the field of battery technology. A special emphasis is placed on the assessment of their potential in **real-world applications**, ranging from electric trucks to data center uninterruptible power supplies. I look forward to your contributions to this Special Issue and to insights on how battery innovations translate into real-world applications.

Guest Editor

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Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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