

Special Issue

Energy Storage Integrated Process Systems

Message from the Guest Editor

The topic of energy storage-integrated energy systems is one of the most prevalent in the world of energy systems integration. One of the main reasons for this is that present-day society is increasingly concerned with grid balancing and greener energy production. This scenario not only boosts the volume of interesting ideas and studies, but also the number of topics that emerge under the umbrella of energy storage-integrated energy systems. This can be seen in the fact that well-established research topics, as varied as energy storage technologies and energy management, coexist—or even merge—with more recent topics, such as smart energy grid, energy system integration, storage and transportation of hydrogen, power-to-x. In all of the aforementioned topics, energy storage-integrated energy systems play a key role. In this Special Issue, representative papers that focus on well-established topics, as well as more recent ones, are sought. This mixture will unquestionably foster new ideas for readers and will help researchers detect solutions that can be migrated from one topic to another, making this Special Issue a relevant milestone for any energy systems engineer.

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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