Special Issue

Next Generation Energy Storage and Harvest Devices

Message from the Guest Editors

Human network complexity is intensifying and the cost of all the entangled information is an increasing energy demand. Knowing how to extract the necessary energy and how to use it is the definition of a human survival threshold. These are today's challenges, which are reflected in many fields of research and global industries. This Special Issue on ''Energy Storage and Harvest Devices for the Next Generation'' of *Applied Sciences* is dedicated to on-going research, particularly next-generation technologic solutions, on both stationary and mobile energy storage and harvest applications. We therefore invite you to submit your research on emergent energy storage technologies. Particular emphasis will be placed on all solid-state energy storage devices, supercapacitors and thermal management systems. Promising energy harvest devices based on thermoelectricity, magnetocaloric effect, hydroelectricity, piezoelectricity, or triboelectricity will also be prioritized. Keywords

- solid state energy storage
- metal eletrodes
- supercapacitors
- energy harvesting devices
- thermal management systems

Guest Editors

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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