Special Issue

Research on Thermal Management of Electronic Equipment and Energy Storage Devices

Message from the Guest Editors

All electronic equipment and energy storage devices generate excess heat and thus require thermal management to improve their reliability and prevent premature failure. Thermal management covers all the technical solutions for heat generation, control, and dissipation. Various techniques for thermal management have been developed over the past few decades, including traditional ones (such as forced-air systems and fans, cold-plate cooling, heat pipes, and heat sinks) and novel ones (such as compact heat exchangers, immersion cooling, thermoelectric cooling, and phase change material), as well as recently developed ones (such as micro-/nano-technology and advanced materials). However, there are still some limitations and challenges in this field. This Special Issue aims to provide a collection of the latest research and findings in the field of thermal management of electronic equipment and energy storage devices.

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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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