

Special Issue

Advances in Materials for Thermal Energy Storage

Message from the Guest Editor

The reduction in greenhouse gas emissions is a priority in the energy research field today, and substitution of fossil fuel with renewable energy sources seems to be crucial. Nevertheless, the mismatch between solar energy supply and demand must be overcome using energy storage systems. Storage technology can be based on sensible, latent, or thermochemical heat. In such a scenario, research on materials used in thermal energy storage systems represents a priority. Optimized material permits increasing volumetric energy storage capacity and improving the performance of storage systems. The aim of this Special Issue is to collect papers on the development, improvement, and enhancement of materials for thermal energy storage.

Guest Editor

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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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