Special Issue

Advanced Heat and Mass Transfer Technologies for Sustainable Energy Systems

Message from the Guest Editors

This Special Issue will collect recent studies on the optimization of thermal transport in advanced heat and mass-transfer technologies for sustainable energy systems, which are key to reducing energy loss, boosting performance, and significantly lowering our carbon footprint. Topics covered include, but are not limited to, the following:

- Multiscale heat and mass-transport in clean energy systems;
- High-performance thermal management for next-generation electronic systems;
- Radiative cooling devices and solar photovoltaics;
- Mass-transport and phase-change mechanisms in energy-storage materials;
- Coupled heat, mass, and charge transport in sustainable energy systems.

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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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