

Special Issue

Advanced Studies of Thermoelectric Systems

Message from the Guest Editor

Thermoelectric systems based on the Seebeck, Peltier, and Thomson effects are gaining interest in a range of applications that includes both power generation and cooling technologies. This Special Issue welcomes research contributions that present innovative aspects concerning materials, modeling, and applications of thermoelectric systems, as well as review articles, focused on the latest trends in the relevant contexts.

Keywords:

- energy efficiency;
- energy harvesting;
- figure of merit;
- heat transfer;
- heat recovery;
- Peltier effect;
- renewable energy applications;
- Seebeck effect;
- thermoelectric cooling;
- thermoelectric devices;
- thermoelectric materials;
- thermoelectric power generation;
- temperature control;
- thermal modeling;
- thermal performance;
- thermal energy.

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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