Special Issue

Recent Advances in Thermoelectric Materials and Devices/Modules

Message from the Guest Editors

Recent advances in thermoelectric materials and devices/modules have shown promising developments in the field of energy conversion, waste heat recovery, and thermal management. These advancements hold great promise for the development of sustainable and energy-efficient technologies, ultimately contributing to a reduction in greenhouse gas emissions and the establishment of cleaner energy for the future. Topics of interest include, but are not limited to, the following:

- Advancements in novel material synthesis techniques;
- New characterization methods;
- The computational and data-driven science of thermoelectric technology;
- Novel device architecture design;
- The additive manufacturing of thermoelectric materials and devices;
- Interface engineering in thermoelectric materials and devices;
- System design and integration of thermoelectric technology;
- New phenomenon in thermoelectric technology;
- Novel polymer and hybrid thermoelectric materials;
- Ceramic and composite thermoelectric technology.

We invite you to submit original research articles and reviews related to this subject.

Guest Editors

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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