

Special Issue

Recent Advances in Thermoelectric Materials

Message from the Guest Editor

Thermoelectric materials play an important roles in many technologies, especially in green energy production. Most thermoelectric commercial devices usual costs, scarcity, and limited working temperatures, drastically limit their application. Consequently, the search for new and more efficient thermoelectric materials has been one of the most dynamic fields in the recent years. Not only alloys or inorganic compounds, organic and composite materials also can be considered. This Special Issue will focus in recent advances in thermoelectric materials and their integration in thermoelectric modules. Potential topics of interest include, but not limited to:

- Bulk and nanostructured materials
- Thin films;
- Intermetallics
- Chalcogenides; Oxides; Silicides
- Organic materials and polymers
- Composites and nanocomposites
- Novel processing methods
- Integration of new materials into modules
- Advances in modules design

It is my pleasure to invite you to submit a manuscript for this Special Issue. Full papers, short communications, and reviews are all welcome. Dr. Andrés Sotelo

Guest Editor

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About the Journal

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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