Special Issue

Flexible Thermoelectric Materials and Devices

Message from the Guest Editor

Flexible thermoelectric materials and devices consist of inorganic or organic materials. Enhancing the flexibility of materials and devices with inorganic materials is an approach that can be used to obtain flexible thermoelectric devices. The low performance of organic materials and carbon-based materials such as carbon nanotubes and graphene, in comparison to that of inorganic materials, is a remaining issue. This Special Issue on “Flexible Thermoelectric Materials and Devices” is dedicated to novel approaches to thermoelectric materials and devices with flexibility and stretchability. We are soliciting original experimental and theoretical approaches associated with flexible inorganic or organic materials. This Special Issue covers a broad range of fundamental concepts, as well as experimental and theoretical studies related to flexibility and thermoelectricity and applications with new ideas for devices structures and new approaches for high-performance devices. We kindly invite you to submit your research contributions to this Special Issue.

Guest Editor

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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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