







an Open Access Journal by MDPI

## **Recent Advances in Flexible Thermoelectric Films and Devices**

Guest Editor:

### Prof. Dr. Marie-Christine Record

Faculty of Sciences, Aix Marseille Univ, CNRS, IM2NP, F-13013 Marseille, France

Deadline for manuscript submissions:

closed (20 December 2022)

## Message from the Guest Editor

Dear Colleagues,

This Special Issue of MDPI's Materials journal aims to provide a forum for academics and those in the industry to share their recent advances in the development of flexible thermoelectrics for - but not limited to - energy applications. Manuscripts dedicated to the research and development of flexible and thin-film thermoelectric materials, devices for power generation or cooling as well as metrological applications are welcome. Papers on the materials science of flexible and film thermoelectrics. practical implementation of these materials and devices on their basis, theoretical works, computational simulations of flexible TECs, methods for heat/electricity delivery to flexible thermoelectric converters (electrodes, interfaces. heat exchangers. thermoelectric processing and integration technologies, extending potential applications, economical aspects of the market of thermoelectrics, and review papers are also encouraged.

I look forward to your contributions.

Dr. Iurii Kogut Prof. Dr. Marie-Christine Record *Guest Editors* 













an Open Access Journal by MDPI

### **Editor-in-Chief**

#### Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada

2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, OC H3A 0C7, Canada

# **Message from the Editor-in-Chief**

Materials (ISSN 1996-1944) was launched in 2008. The iournal covers twenty-five comprehensive biomaterials, energy materials, advanced composites. advanced materials characterization, porous materials, manufacturing processes and systems. 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.

### **Author Benefits**

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Ei Compendex, CaPlus / SciFinder, Inspec, Astrophysics Data System, and other databases

**Journal Rank:** JCR - Q2 (*Metallurgy & Metallurgical Engineering*) / CiteScore - Q2 (*Condensed Matter Physics*)

#### **Contact Us**