



Piezoelectric Materials and Devices

Guest Editor:

Dr. Haim Abramovich

Technion - Israel Institute of
Technology, Faculty of Aerospace
Engineering, Haifa, Israel

Deadline for manuscript
submissions:

closed (31 March 2019)

Message from the Guest Editor

This Special Issue would include energy harvesting using both piezoelectric and hybrid devices, flexible and stretchable piezoelectric harvesters, sensors and actuators, inorganic, organic and composite piezoelectric materials, porous piezoelectric materials and their applications, MEMS-based piezoelectric energy harvesters, PZT nanotubes, nanorods, nanowires and nanofibers for MEMS devices, advances in piezoelectric polymers and piezocomposites, voided charged polymers including comparative studies on piezoelectric polymers and their relevant application as sensors and actuators, Lead free piezoelectric materials and their achieved properties in various devices, piezoelectric biosensors-principles and their applications, advances in piezoelectric motors, wearable piezoelectric sensors and actuators, piezoelectric based flying wings/morphing structures and precision piezoelectric fuel injectors in propulsion systems for micro aerial vehicles (MAVs), piezoelectric application in the medical sector.





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, QC H3A 0C7, Canada

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.

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 and Metallurgical Engineering) / CiteScore - Q1 (Condensed Matter Physics)

Contact Us

Materials Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/materials
materials@mdpi.com
[X@Materials_Mdpi](https://twitter.com/Materials_Mdpi)