

Special Issue

Recent Advances in Functional Materials for Piezoelectric Energy Harvesters and Potential Applications

Message from the Guest Editors

The aim of this Special Issue is to present the most recent advances in functional materials to improve extant models of energy harvester, develop piezoelectric energy harvesters with exceptional features, and present interesting applications for piezoelectric energy harvesters. It is our honor to announce the launch of this Special Issue of *Energies*, entitled “Recent Advances in Functional Materials for Piezoelectric Energy Harvesters and Potential Applications”, and cordially invite all researchers working in relevant fields to contribute their review and research reports. Topics of interest for publication include, but are not limited to:

- Piezoelectric energy harvesters
- Piezoelectric nanogenerators
- Functional materials for piezoelectric energy harvesting
- Polymer nanocomposite based piezoelectric energy harvesting
- Biocompatible energy harvesters
- Energy management for low-power piezoelectric energy harvesters
- Application of energy harvesting

Guest Editors

Dr. Ayda Bouhamed

1. Laboratory of Electromechanical Systems (LASEM), National Engineering School of Sfax, University of Sfax, Soukra km 4, Sfax 3038, Tunisia
2. Faculty of Sciences of Gafsa (FSGF), University of Gafsa, Gafsa 2112, Tunisia

Prof. Dr. Olfa Kanoun

Department of Electrical Engineering and Information Technology, Chemnitz University of Technology, 09126 Chemnitz, Germany

Deadline for manuscript submissions

closed (15 December 2024)



Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



mdpi.com/si/165200

Energies
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
energies@mdpi.com

[mdpi.com/journal/
energies](https://mdpi.com/journal/energies)





Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



[mdpi.com/journal/
energies](https://mdpi.com/journal/energies)



About the Journal

Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and Industrial Engineering, University
Niccolò Cusano, 00166 Roma, Italy

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), Ei Compendex, RePEc, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

CiteScore - Q1 (Control and Optimization)