

Special Issue

Piezoelectric Energy Harvesting System

Message from the Guest Editor

Piezoelectric energy harvesting is one of the most practical methods to harvest vibration and motion energy to enable to make renewable and reliable local power sources for sensor networks, smart cities, internet of things, etc. In the last two decades, great efforts were taken on addressing cantilever beam based piezoelectric energy harvesters in thousands of journal papers. However, these papers only opened the door to understand piezoelectric energy harvesting technologies. Piezoelectric energy harvesting is an interdisciplinary topic of mechanical engineering, electrical engineering, materials sciences, and physics. Many issues are remaining to be addressed in more details.

Guest Editor

Dr. Tian-Bing Xu

Smart Materials & Intelligent Systems (SMIS) Laboratory, Department of Mechanical and Aerospace Engineering, Old Dominion University, Norfolk, VA 23529, USA

Deadline for manuscript submissions

closed (30 December 2024)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/148302

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

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





Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



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



About the Journal

Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, 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), PubMed, MEDLINE, PMC, Ei Compendex, Inspec, Astrophysics Data System, and other databases.

Journal Rank:

JCR - Q2 (Instruments and Instrumentation) / CiteScore - Q1 (Instrumentation)