

Special Issue

Piezoelectric Microdevices for Energy Harvesting

Message from the Guest Editors

This Special Issue focuses on the latest advancements in piezoelectric microdevices for energy harvesting, exploring innovative materials, designs, and applications that enhance efficiency and sustainability. Piezoelectric energy harvesting offers a promising solution for powering low-energy electronic devices by converting ambient mechanical vibrations into usable electrical energy. With the growing demand for self-powered sensors, wearable devices, and IoT systems, optimizing micro-scale piezoelectric harvesters is critical. The goal of this Special Issue is to seek novel composite piezoelectric materials with applications in energy harvesting (EH), as well as MEMS and thin film-based piezoelectric microdevices for EH. Advanced piezo-structure fabrication techniques and system-level integration are also important topics. It is our pleasure to invite you to submit a manuscript to this Special Issue.

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Deadline for manuscript submissions

31 August 2026



Micromachines

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Impact Factor 3.0
CiteScore 6.0
Indexed in PubMed



mdpi.com/si/242694

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