



Recent Trends of Piezoelectric Energy Harvesting for Powering Wireless Sensors

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Message from the Guest Editors

Dear Colleagues,

In recent years, the piezoelectric energy harvesting technique has presented a promising solution to power wireless sensors. This technique can easily scavenge energy from ambient vibrations and has the advantages of a high-power density, low cost and small scale. However, the power outputs from the existing piezoelectric energy harvesting methods are still insufficient for continuous monitoring applications. Therefore, much research has been dedicated to improving piezoelectric energy harvesters.

This Special Issue seeks to showcase recent advances in piezoelectric energy harvesting, encompassing both research papers and review articles. The range of topics that can be addressed is as follows: 1) novel piezoelectric materials for energy harvesting, 2) innovative structural design for piezoelectric energy harvesters, 3) highly efficient interface circuits, 4) realization of piezoelectric self-powered sensors, 5) novel application environment and 6) theoretical modeling of piezoelectric energy harvesters.





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Message from the Editor-in-Chief

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