

Special Issue

Nanogenerators for Energy Harvesting and Self-Powered Sensing

Message from the Guest Editor

Nanogenerators, as an effective mechanical energy harvesting technology, provide a promising route to sustainable energy. Invented by Prof. Zhong Lin Wang in 2006 and 2012, the piezoelectric nanogenerator (PENG) and triboelectric nanogenerator (TENG) have shown their powerful ability for converting mechanical energy into electricity. Nanogenerators have found major applications in the fields of micro/nano power sources, active self-powered sensors, large-scale blue energy, and direct high-voltage power sources. This Special Issue on “Nanogenerators for Energy Harvesting and Self-powered Sensing” aims to cover recent achievements in the fields of piezoelectric nanogenerators, triboelectric nanogenerators, self-powered sensors, and self-powered systems.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

Editor-in-Chief

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