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## Nanoenergy and Semiconductor Power Devices

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submissions:

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### Message from the Guest Editor

Dear Colleagues,

Further developments in energy harvesting, energy storage devices, and low-power-consuming semiconductor electronics are key foundations for creating energy-autonomous modulus, self-powered tags, smart keys, and cellular systems for a sustainable future.

This Special Issue of *Energies* focuses on new energy nanomaterials, efficient energy harvesting technology, and smart functional semiconductor nanodevices in relation to self-powered applications in remote sensing, health monitoring, robotics, interacting systems, and communication.

We encourage you to submit papers on engineering approaches to improve the energy utilization efficiency of nanodevices and to design compact multifunctional modules and their integration in potential applications in health care, risk management, traffic control, and information technology, as well as evaluations of the performance and environmental sustainability.



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# Special Issue



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## 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.

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