

Special Issue

Energy Conversion and Flexible Sensors

Message from the Guest Editor

With the rapid development of the Internet of Things, big data analysis has started to play a larger role in daily life, and the rapid development of energy conversion and flexible sensors has brought great opportunities for the construction of intelligent systems. Flexible, portable self-powered sensors have changed the way that mechanical measurements of energy are collected, as well as the equipment used to achieve this. In addition, the real-time and accurate sensing of intelligent sensors is conducive to improving energy conversion functions. This Special Issue, which is dedicated to these topics, will cover but not limited to the following:

- Self-powered system;
- Nanogenerator;
- Sensors;
- Human mechanical energy collection;
- Motion monitoring;
- Big data analysis.

We welcome papers on various aspects of energy and automatic force, including systems from materials science, mechanic technology, manufacturing technology, and theoretical analysis to provide a theoretical and practical basis for the innovation and development of energy conversion and flexible sensors in the field of intelligence systems.

Guest Editor

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About the Journal

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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