Special Issue

Materials and Devices for Waste Energy Harvesting 2017

Message from the Guest Editor

Continuously increasing energy consumption and environmental problem has triggered global interests in research related to the creation and saving of energy. Waste energy harvesting is an important topic in this regard. Development of materials and devices is the first step towards success of waste energy harvesting. Waste energy includes heat, light, sound, vibration or movement and so on. Materials that can be used for waste energy harvesting include piezoeletric, pyroelectric, nanopiezoelectric, nanotriboelectric, thermoelectric, phase change effect, etc. This Special Issue is aimed at providing with a platform for experts to present their new achievement in materials and devices for waste energy harvesting, with focus on, but not limited to, the following topics:

Guest Editor

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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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