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Advances in Energy Harvesting and Wearable Sensors: Powering the Future of Smart Technologies

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Message from the Guest Editor

Dear Colleagues,

This Special Issue explores cutting-edge developments in the field of energy harvesting and wearable sensor technologies. It delves into the exciting progress made in capturing and converting energy from ambient sources to power wearable devices. These advancements have the potential to revolutionize various industries, including healthcare, fitness, and smart devices.

This special issue aims to explore the latest advancements, challenges, and future trends in the field of energy harvesting and wearable sensors, with a specific focus on their role in powering smart technologies. The potential topics of interest include but are not limited to:

- Energy harvesting techniques and technologies for wearable devices.
- Novel materials and designs for energy-efficient sensors.
- Energy storage and management systems for wearable electronics.
- Wireless power transfer and charging technologies for wearables.
- Integration of energy harvesting and storage with wearable sensors.
- Applications of energy harvesting and wearable sensors in healthcare, sports, environmental monitoring, etc.

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