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Broadband and Higher Stability Triboelectric Nanogenerators and Smart Sensors System

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Message from the Guest Editors

Broadband triboelectric nanogenerators (TENGs) have become a promising candidate for the power supply of mobile devices and smart sensors systems owing to their simple preparation as well as high instantaneous power. TENGs can be widely harvested from environmental mechanical energy sources, such as wind, ocean wave, river flow, and biomechanical energy in our living environment. Additionally, developing smart sensors, including self-powered and MEMS sensors, are vital for the Internet of Things, wearable electronics, and sensor networks, which is a major driving force for the development of the modern world. This Special Issue will publish papers that reflect new research and innovations in the area of broadband triboelectric nanogenerators and smart sensors, that include, but are not limited to, the following main topics: broadband and higher stability triboelectric nanogenerators; wearable self-powered sensors; MEMS sensors; and smart sensor applications systems.



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Special Issue



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Message from the Editor-in-Chief

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