



## Advancements in Triboelectric Materials and Devices

Guest Editor:

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### Message from the Guest Editor

Dear Colleagues,

Among the energy-harvesting devices, the triboelectric ones have great potential to convert environmental stimuli into usable electrical power, which can be utilized in various fields, including human-machine interfaces, soft robotics and internet-of-things. Because of the diverse merits including simple preparation process, low cost, and high performance, the triboelectric devices play a vital role in the development of self-powered devices for direct detection of bio-signals responsive to different micromotions, and the device operation by a capacitor stored from the mechanical stimuli, which can be implanted anywhere on the body or cloth. In recent years, significant advancements have been achieved in the development of effective triboelectric materials and novel triboelectric application.

This Special Issue aims to explore the latest research and developments in triboelectric materials as well as highlight their applications in different fields.





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## Message from the Editor-in-Chief

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