

Special Issue

Triboelectric Energy Harvesters

Message from the Guest Editors

Triboelectric nanogenerators (TENGs) are the foremost contenders for enabling self-powered applications, utilising contact electrification and Maxwell's displacement current law as the basis for energy harvesting. We are currently witnessing varied and exciting research approaches for developing still higher power density and efficient TENGs. Applications range from environmental to point-of-care health diagnostics and body-worn energy harvesters, and encompass self-powered structural sensors to stand-alone devices for monitoring key parameters. Thin, flexible TENGs have been realized using paper and other low-cost commodity polymer materials to further expand the applications of these devices. In this Special Issue of *Micromachines*, we invite authors to submit original communications, articles, and review papers which cover the breadth of research, development, and applications of TENGs.

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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

Micromachines (ISSN 2072-666X) is a forum for cutting-edge interdisciplinary research on micro and nanoscale science and technology. We emphasise the practical, real-world value of micro and nanotechnologies that will place *Micromachines* in a leading position among engineering and technology journals.

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