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Recent Study of Flexible Thermoelectric Devices and Printable Electronics

Guest Editor:

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Deadline for manuscript
submissions:

closed (20 November 2023)

Message from the Guest Editor

Dear Colleagues,

The recent increase in demand for sustainable energy has highlighted the need for efficient scavenging of waste heat in applications ranging from large-scale industrial processes to consumer wearable electronics. The aim of this Special Issue on *Micromachines*, “Recent Study of Flexible Thermoelectric Devices and Printable Electronics”, is to promote an understanding of the correlation between the structural features of nanoengineered metal-chalcogenides and their thermoelectric (TE) performance. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following: (I) material nanoengineering, especially correlating interface nanoengineering to TE performance in low-dimensional metal chalcogenides and related organic–inorganic composites; (II) ink formulation for various printing technologies and scale-up fabrication methods; (III) conformal TE generator design and smart integrated electric skin systems with both energy-harvesting and sensing capabilities. We look forward to receiving your contributions.

Best regards,

Dr. Chaochao Dun
Guest Editor



mdpi.com/si/172727

Special Issue



Editor-in-Chief

Message from the Editor-in-Chief

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