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Novel Materials and Hybrid Nanostructures for Thermoelectric Energy Harvesting

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Message from the Guest Editors

Thermoelectrics is a promising technology for harvesting electrical energy both from waste heat and solar thermal energy. The thermoelectric performance of a material can be enhanced by controlling the phonon transport without degrading the electron transport. A reliable approach for realizing high thermoelectric performance is through the design of novel materials and the development of hybrid nanostructures. The primary objective of this Special Issue is to publish the recent developments in novel semiconductor nanostructures, 2D materials, hybrid nanostructures and flexible thermoelectric materials. Submissions of both research articles and review articles are welcome.

Deadline for manuscript submissions:

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Special Issue



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Message from the Editorial Board

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