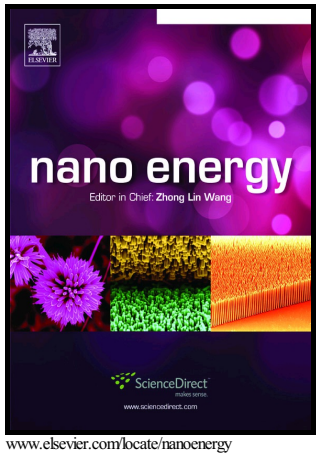

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Abstract

Converting body heat into electricity using flexible thermoelectric generators can be useful for self-powered wearable electronic devices. However, the temperature difference that can be obtained by body heat is insufficient, which limits its practical applications. In this study, we present a wearable solar thermoelectric generator driven by a significantly high temperature difference created by introducing a local solar absorber and thermoelectric legs