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Study of Thermoelectric Materials and Devices

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Message from the Guest Editor

Thermoelectric materials, which can convert heat into electricity, have become more and more attractive in the fields of sustainable energy and environmental issues. High thermoelectric conversion efficiency requires a high thermoelectric figure of merit. Some strategies have been used to achieve a high thermoelectric figure of merit, e.g. doping, defect, intercalation, band engineering, strain, nanostructures, and molecule junctions, etc. This Special Issue aims to highlight the recent advances in this field, including new pristine thermoelectric materials, strategies used to decrease the thermal conductivity and increase the power factor, thermoelectric devices, and so on.



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Special Issue



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Message from the Editor-in-Chief

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