

Special Issue

Thermodynamics of Thermoelectric Devices and Applications

Message from the Guest Editors

Thermoelectric effects and devices have been analyzed and investigated using classical heat transfer methods and equations of thermoelectricity for several decades. Although extensively explored, commercial thermoelectric devices still have a poor thermal-to-electrical conversion efficiency. Evaluating thermoelectric phenomena using thermodynamic arguments can provide new insights and lead thermoelectric research towards enhancing the figure-of-merit, ZT, and potential for achieving the Carnot efficiency. In this Special Issue of *Entropy*, we cordially invite you to submit review, perspective, and original papers on thermoelectric effects, devices, and applications, with a particular focus on the thermodynamics of thermoelectricity.

Guest Editors

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