

Supporting Information

The influence of sintering temperature on thermoelectric and mechanical performance of n-type Mg₃Sb₂-based materials

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Supplementary Figures

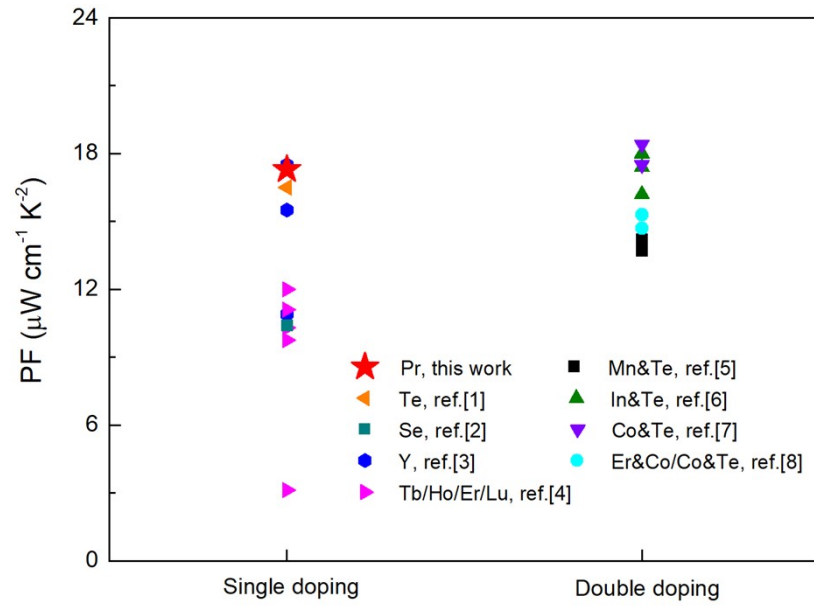


Fig. S1. Comparison of the peak power factor at 725 K obtained in this work with those of other Mg₃Sb₂-based materials reported in recent literature [1-8], including both singly doped and doubly doped Mg_{3+x}(Sb,Bi)₂ samples.

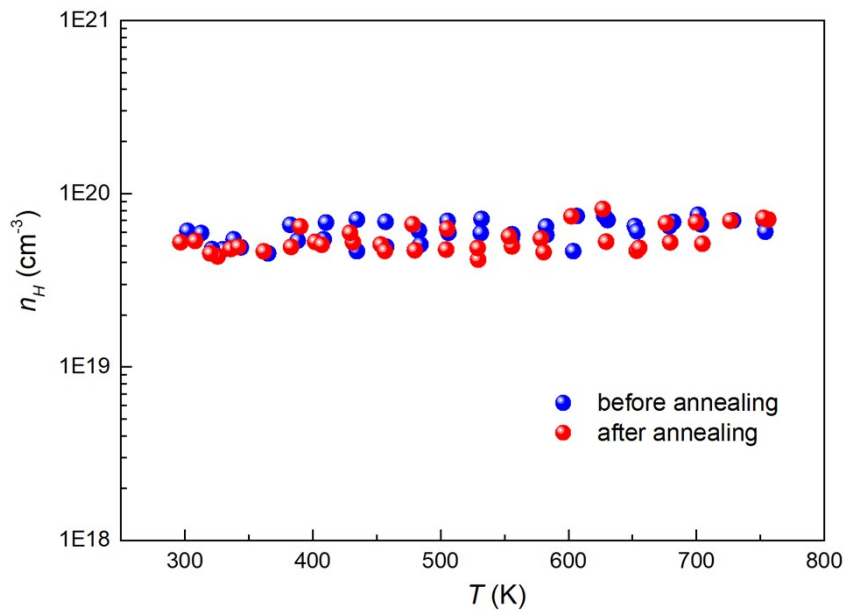


Fig. S2. Carrier concentration as a function of temperature for Mg_{3.2}Pr_{0.03}Sb_{1.5}Bi_{0.5} sample prepared by hot-press sintering at 923 K before and after annealing process at 725 K for 60 h.

References

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