

Supporting Information

Remarkable thermoelectric property enhancement in $\text{Cu}_2\text{SnS}_3\text{-CuCo}_2\text{S}_4$ nanocomposites via 3D modulation doping

Yan Gu,^a Wen Ai ^a, Yaqing Zhao ^a, Lin Pan ^a, Chunhua Lu ^a, Peng'an Zong ^a, Xiaohui Hu ^a, Zhongzi Xu ^a, Yifeng Wang,^{a,b}*

^a.College of Materials Science and Engineering, Nanjing Tech University, Nanjing 210009, China.

^b.Jiangsu Collaborative Innovation Center for Advanced Inorganic Function Composites, Nanjing Tech University, Nanjing 210009, China.

Keyword: Cu_2SnS_3 , CuCo_2S_4 , modulation doping, ZT, thermoelectric.

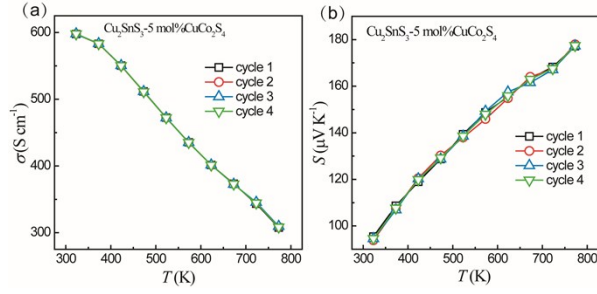


Figure S1. Temperature dependence of (a) electrical conductivity and (b) Seebeck coefficient of CTS-5 mol%CCS sample by four cyclic test from 323 K to 773 K.

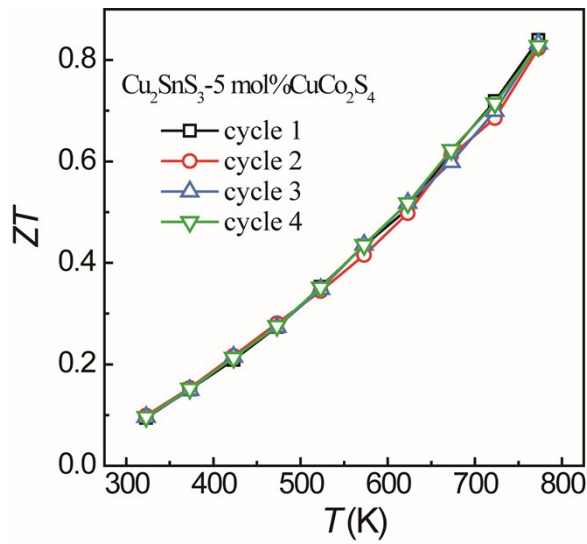


Figure S2. Temperature dependence of ZT values of CTS-5 mol%CCS sample by four cyclic test from 323 K to 773 K.

