

Supporting information

Strain-assisted, low-temperature synthesis of high-performance thermoelectric materials

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Figure S1 : The change of density of ingot and strained samples as a function of annealing time.

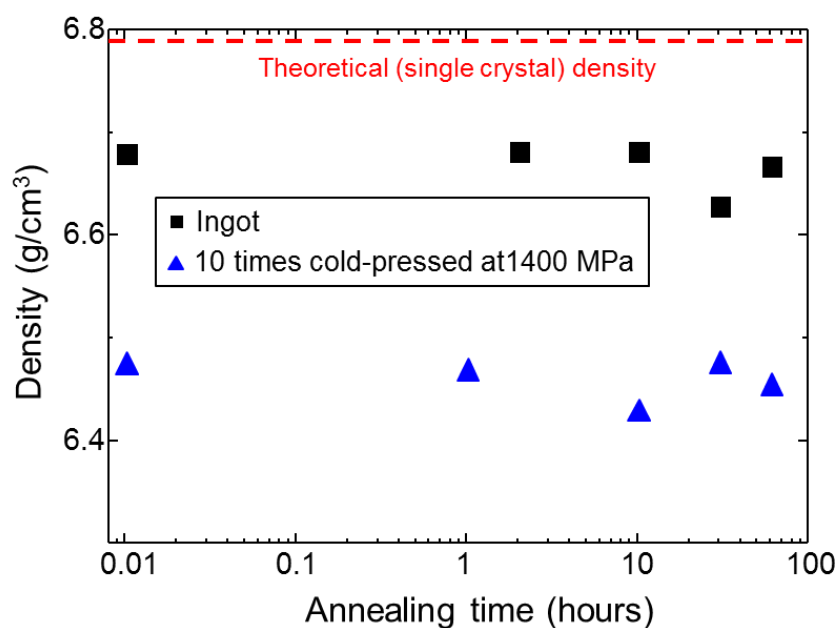


Figure S2 : Comparison of thermal conductivity measured by two different techniques. Blue circles and red squares represent the thermal conductivity measured by Harman method and laser flash method, respectively. For the latter, thermal conductivity was calculated from $\kappa = DC_p\lambda$, (D: density of the specimen, C_p : specific heat capacity, λ : thermal diffusivity). Thermal diffusivity was directly measured by laser flash method. C_p is used based on Ref. S1.

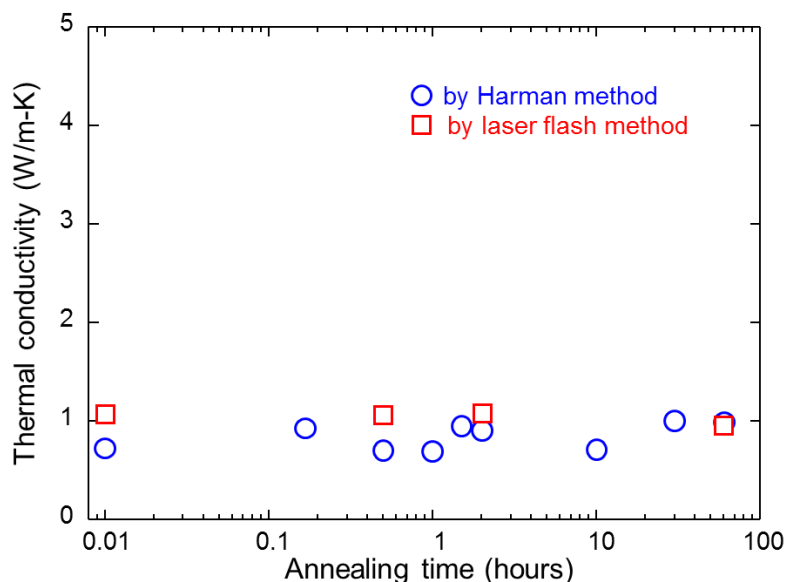
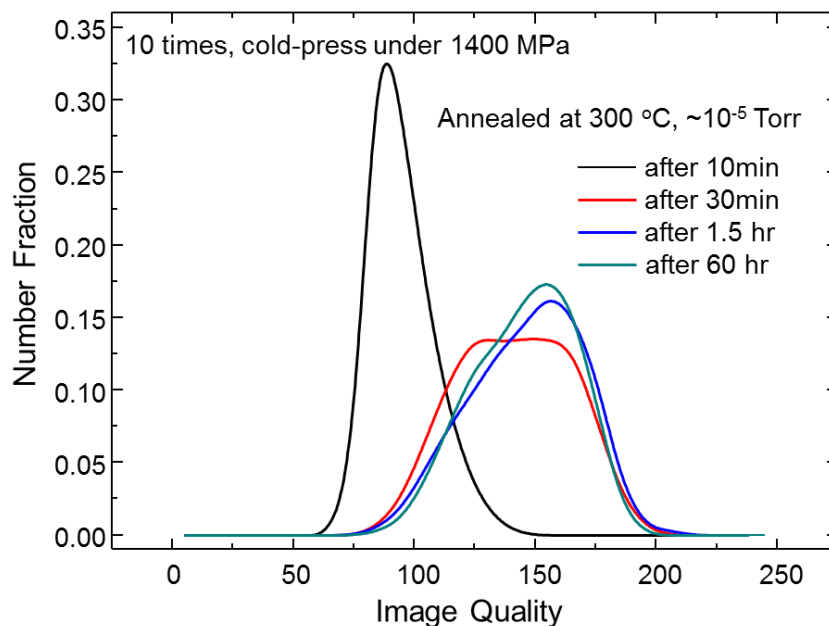


Figure S3 : Image quality measurement under BC mode by EBSD. For Fig. 2a, center position of each peak is used.



Reference for supporting information

[S1] L. X. Dong and Y. H. Park, *Mater. Trans.* **2002**, 43, 681.