

Supplementary information

Permittivity boosting in “yellow” (Nb + In) co-doped TiO₂

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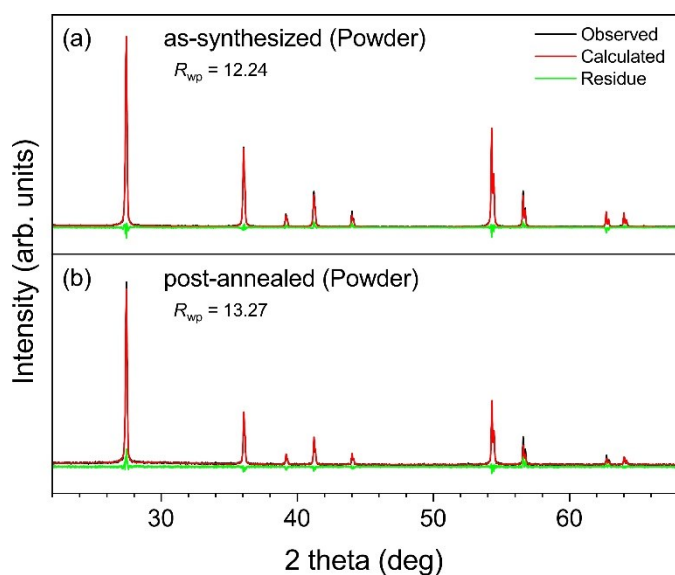


Figure S1. Results of Rietveld analyses for the powder x-ray patterns of (a) the as-synthesized and (b) the post-annealed NITO-1.0%.

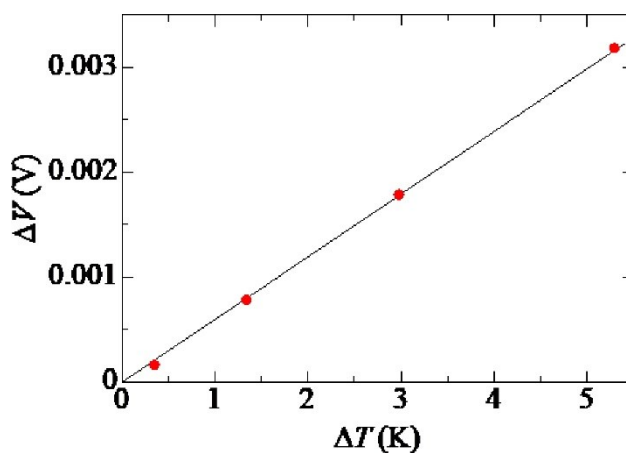


Figure S2. The relationship between the temperature gradient of the sample ΔT and thermoelectromotive force ΔV on the as-synthesized NITO-1.0% polycrystalline sample, which was measured at 300 K. Since the Seebeck coefficient S is described as $S = -\Delta V/\Delta T$, the estimated value of S is about $-600 \mu\text{V}/\text{K}$, indicating the as-synthesized NITO-1.0% is a *n*-type semiconductor.