

Supporting Information

Se Doping Regulates the Activity of NiTe₂ for Electrocatalytic Hydrogen Evolution Reaction

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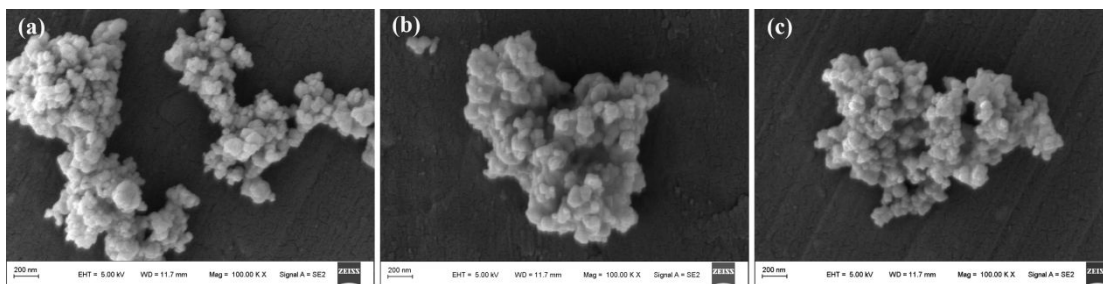


Fig. S1. SEM images of (a) $\text{Se}_{4\%}\text{-NiTe}_2$, (b) $\text{Se}_{8\%}\text{-NiTe}_2$, and (c) $\text{Se}_{16\%}\text{-NiTe}_2$.

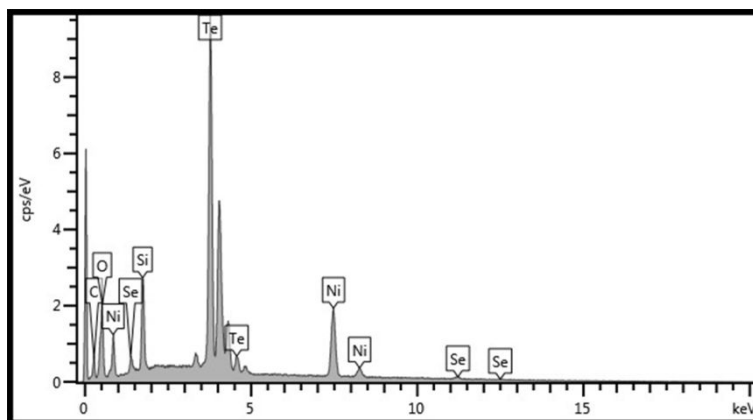


Fig. S2. EDS spectrum of $\text{Se}_{12\%}\text{-NiTe}_2$.

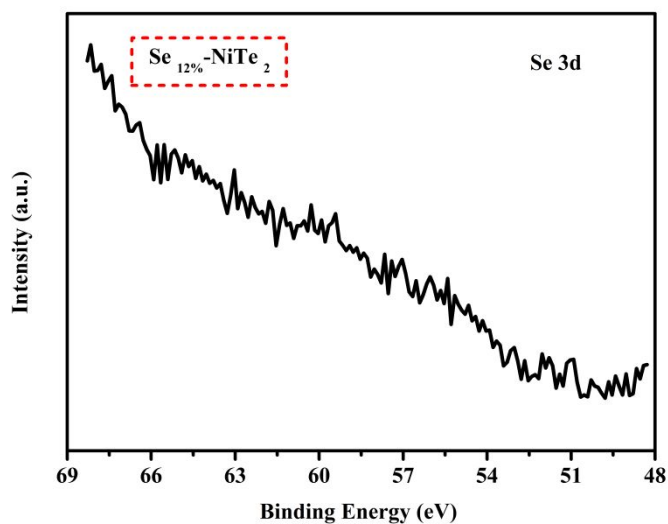


Fig. S3. High-resolution Se 3d XPS spectrum of $\text{Se}_{12\%}\text{-NiTe}_2$.

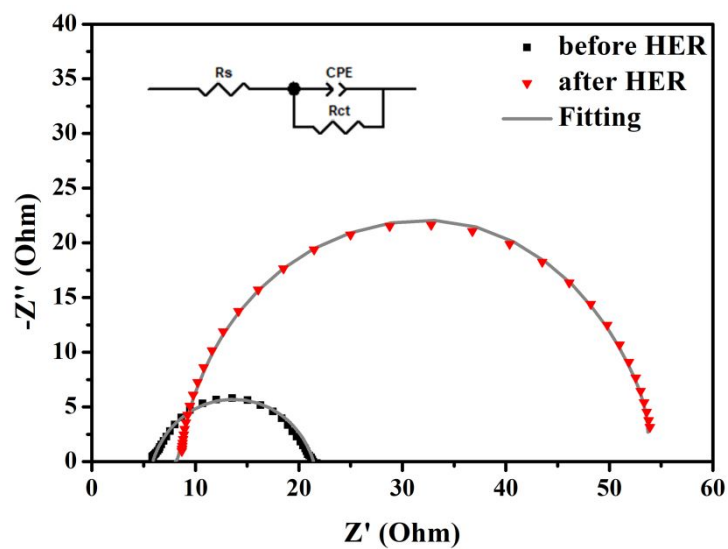


Fig. S4. Nyquist plots of $\text{Se}_{12\%}\text{-NiTe}_2$ before and after HER.

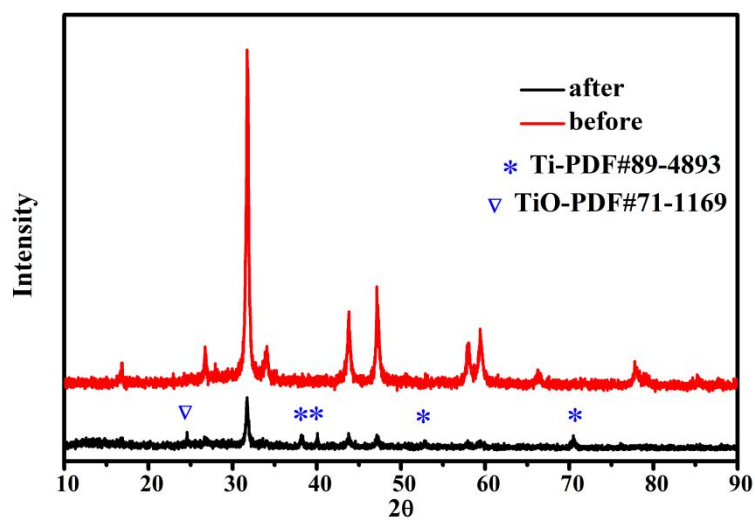


Fig. S5. XRD patterns of $\text{Se}_{12\%}\text{-NiTe}_2$ before and after HER.

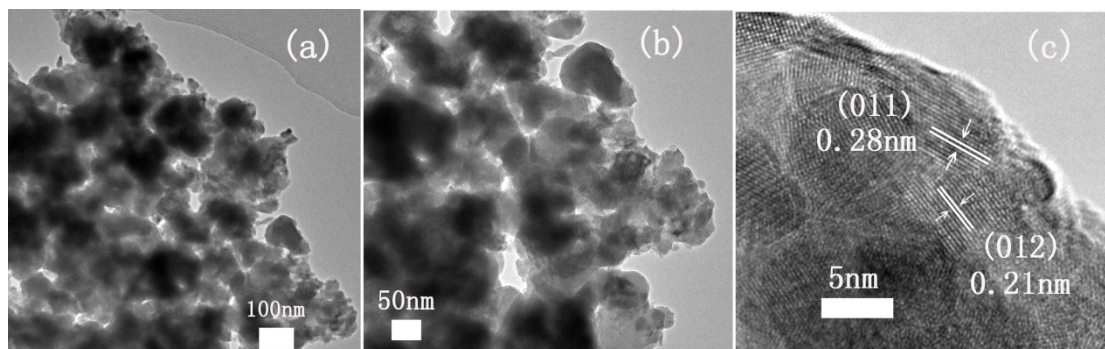


Fig. S6. TEM and HRTEM images of $\text{Se}_{12\%}\text{-NiTe}_2$ after HER.