

Electronic Supplementary Material

Enhanced electrochemical performance of $\text{CoNiS}_x@\text{Ti}_3\text{C}_2\text{T}_x$ electrode material through in-situ doping of cobalt element

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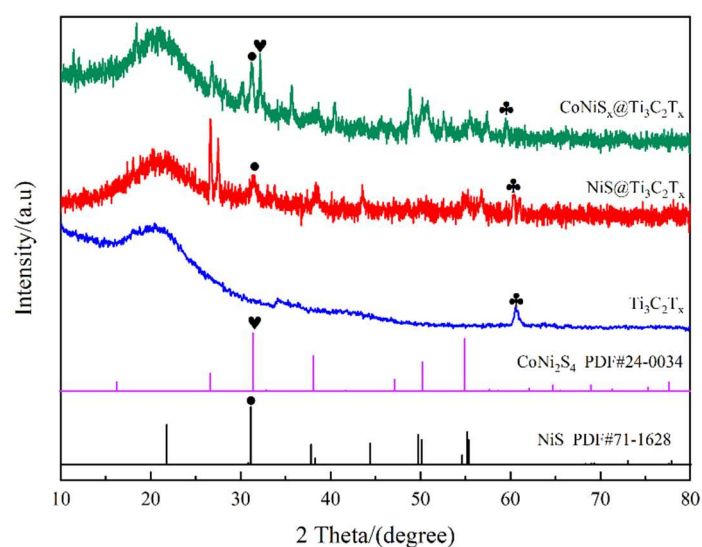


Fig. S1. XRD patterns of $\text{CoNiS}_x@\text{Ti}_3\text{C}_2\text{T}_x$, $\text{NiS}_x@\text{Ti}_3\text{C}_2\text{T}_x$, and $\text{Ti}_3\text{C}_2\text{T}_x$.

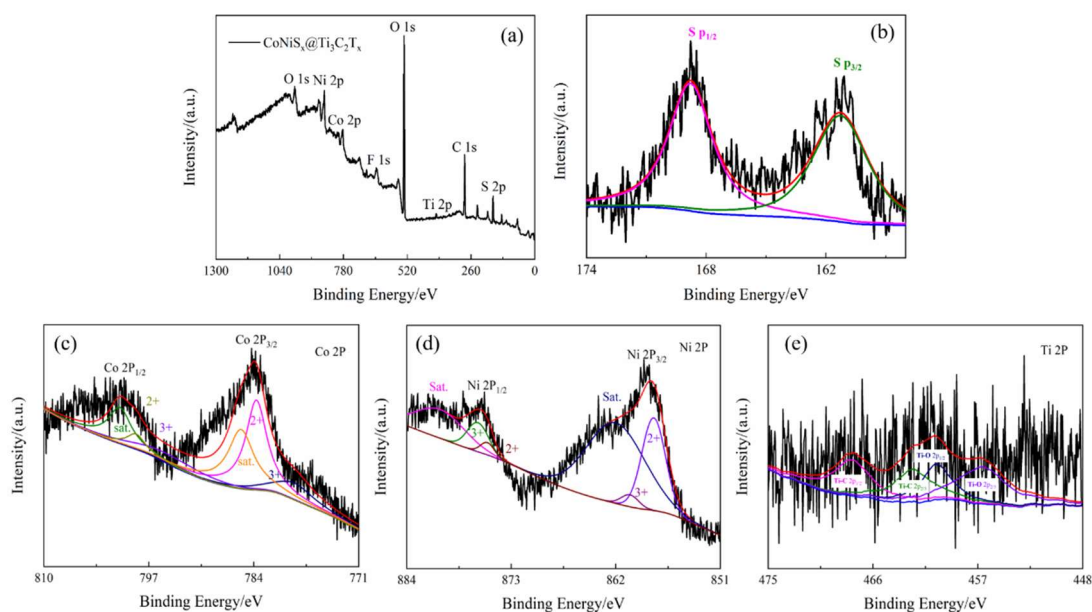


Fig. S2. XPS spectra of $\text{CoNiS}_x@\text{Ti}_3\text{C}_2\text{T}_x$ (a), S 2p (b), Co 2p (c), Ni 2p (d), and Ti 2p (e).