Room-Temperature Synthesis of Ni$_{1-x}$Fe$_x$ (Oxy)hydroxides: Structure-Activity Relationship over Oxygen Evolution Reaction

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Figure S1 SEM image of Fe$_{0.3}$Ni$_{0.7}$ hydroxides.

Figure S2 Magnified SEM image of Fe$_{0.3}$Ni$_{0.7}$ hydroxides.

Figure S3 SEM image of Ni(OH)$_2$. 
Figure S4 SEM image of Fe$_{0.5}$Ni$_{0.5}$ hydroxides.

Figure S5 SEM image of Fe$_{0.7}$Ni$_{0.3}$ oxyhydroxides.

Figure S6 SEM image of FeOOH.
Figure S7 Chronopotentiometric potential-time profile of Fe$_{0.3}$Ni$_{0.7}$ hydroxides.

Figure S8 Cyclic voltammograms of the Ni(OH)$_2$ electrode at various scan rates.

Figure S9 Cyclic voltammograms of the Fe$_{0.3}$Ni$_{0.7}$ electrode at various scan rates.
Figure S10 Cyclic voltammograms of the Fe\textsubscript{0.5}Ni\textsubscript{0.5} electrode at various scan rates.

Figure S11 Cyclic voltammograms of the Fe\textsubscript{0.7}Ni\textsubscript{0.3} electrode at various scan rates.

Figure S812 Cyclic voltammograms of the FeOOH electrode at various scan rates.
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Figure S14 XPS survey spectra of the Fe$_{0.3}$Ni$_{0.7}$ before and after long-term stability test.