

Supplementary Materials: Transition Metal Oxygen Evolution Electrocatalysts Supported on Zirconium Phosphate

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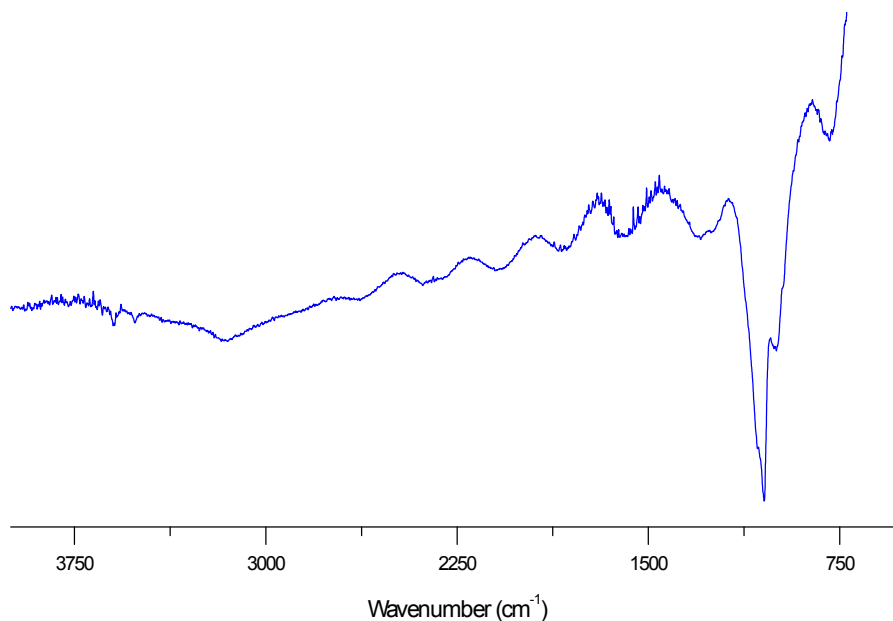


Figure S1. FTIR spectra for adsorbed Fe(III) at a 10:1 M:ZrP ratio.

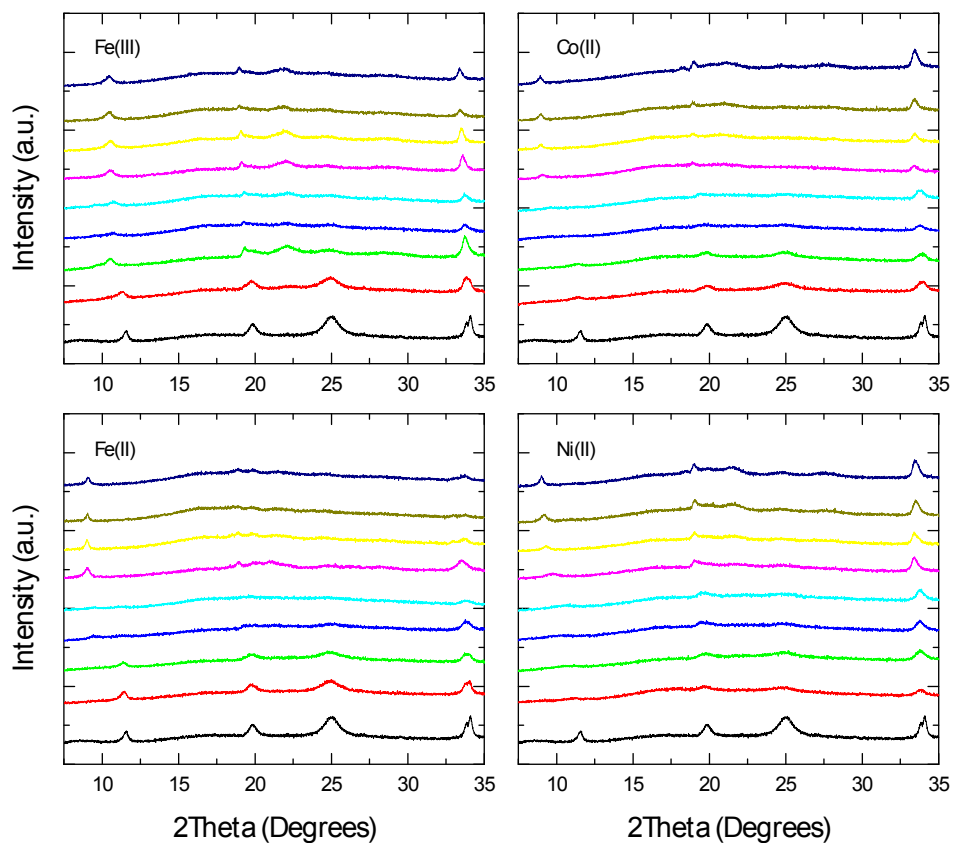


Figure S2. XRPD patterns for Fe(II), Fe(III), Co(II), and Ni(II)-intercalated ZrP at (from top to bottom) 10:1, 5:1, 3:1, 1:1, 1:3, 1:5, 1:10, and 1:20 M:ZrP molar ratios. The bottom diffraction pattern in all frames is that of pure α -ZrP.

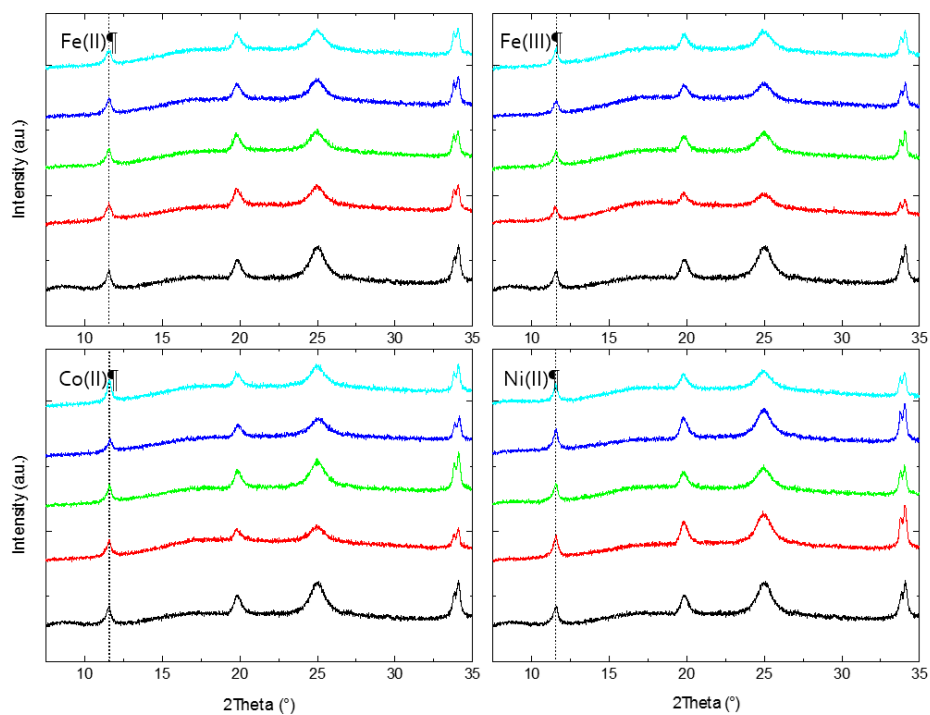


Figure S3. XRPD patterns for Fe(II), Fe(III), Co(II), and Ni(II)-adsorbed ZrP systems at (from top to bottom) 10:1, 5:1, 3:1, and 1:1 M:ZrP molar ratios. The bottom diffraction pattern in all frames is that of pure α -ZrP.

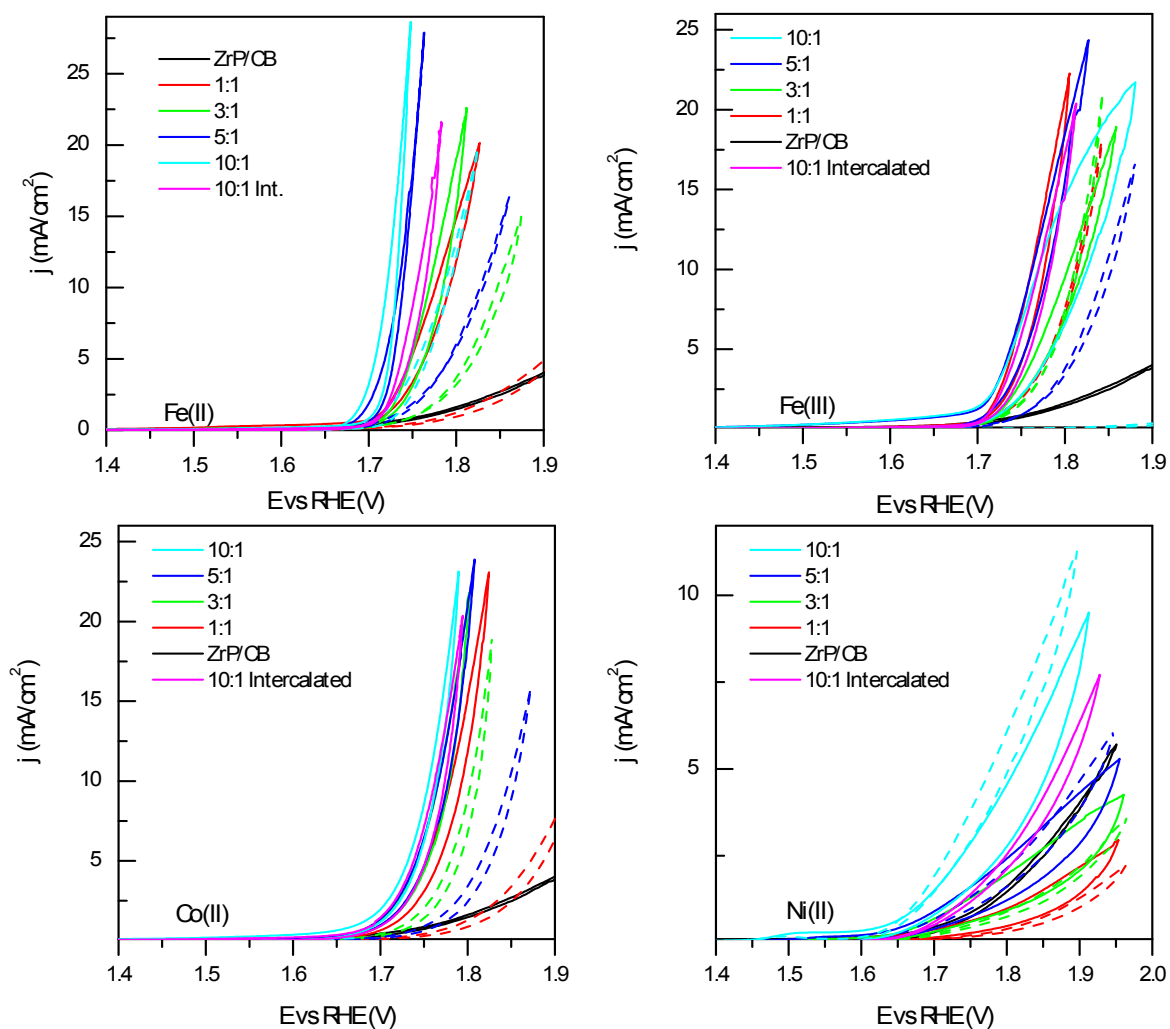


Figure S4. Cyclic voltammograms of adsorbed Fe(II), Fe(III), Co(II), and Ni(II)-ZrP systems. The best intercalated 10:1 M:ZrP CV is shown in pink. Dashed lines represent cyclic voltammograms after 20 cycles.