Description of Additional Supplementary Files

File Name: Supplementary Movie 1
Description: Demonstration of the surface-bound CO on the NiS_PERM prepared at \(-1.0\) V<sub>SHE</sub>. 1 M H<sub>3</sub>PO<sub>4</sub> was added into serum bottles containing 50 mg of pure NiS (left) or the NiS_PERM (right).